

SIMPLIFIED SCIENTIFIC
EPHEMERIS
1920 - 1929



THE ROSICRUCIAN FELLOWSHIP

OCEANSIDE, CALIFORNIA, U.S.A.

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SIMPLIFIED SCIENTIFIC

Ephemeris

1920 - 1929



THE ROSICRUCIAN FELLOWSHIP

OCEANSIDE, CALIFORNIA, U.S.A.

EPHEMERIS OF PLUTO FOR 1920

Date	Long.	Dec.	Date	Long.	Dec.
January 15	6° ☾ 21'R	19° N 25'	July 13	7° ☾ 36'	19° N 41'
February 14	5° ☾ 51'	19° N 29'	August 12	8° ☾ 15'	19° N 39'
March 15	5° ☾ 38'	19° N 34'	September 11	8° ☾ 43'	19° N 37'
April 14	5° ☾ 45'D	19° N 37'	October 11	8° ☾ 51'	19° N 35'
May 14	6° ☾ 12'	19° N 40'	November 10	8° ☾ 40'R	19° N 35'
June 13	6° ☾ 51'	19° N 41'	December 10	8° ☾ 12'	19° N 38'

A COMPLETE INDEX

of the

BOOKS BY MAX HEINDEL

Students of the Western Wisdom Teachings will be delighted with this splendid guide to study.

The 278 pages of indexing give a complete and convenient listing of subjects treated in the various books of Max Heindel, initiate and exponent of the Rosicrucian Philosophy and Astrology. Reference to original source is made easy by using appropriate initials to indicate each book: AMI for *Ancient and Modern Initiation*; CL for *Christianity Lectures*; as in preparing lectures, magazine articles, etc.

CC for *Cosmo-Conception, etc.*

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278 Pages

Cloth Bound

The Rosicrucian Fellowship

Oceanside, California, U.S.A.

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

January, 1920

New Moon January 21, at 5:27 A. M. in $\text{WS } 29^{\circ} 54'$
Longitude of the Planets

Date Sign	☉ ° WS'	♀ ° m'	♂ ° f'	♂ ° g'	♂ ° m'	♂ ° n'	♂ ° o'	♂ ° p'	♂ ° q'	♂ ° r'	♂ ° s'	♂ ° t'	♂ ° u'	♂ ° v'	♂ ° w'	♂ ° x'	♂ ° y'	♂ ° z'
Th	1 9 48	26 36	20 25	9 13	11R36	16R57	16 45	29 0	10R57	22 24								
F	2 10 49	27 47	21 48	23 44	35	52	17 14	2	56	19								
S	3 11 50	28 57	23 12	8II32	34	47	17 43	4	54	16								
Su	4 12 51	0 4 8	24 36	23 31	33	42	18 12	7	53	13								
M	5 13 52	1 19 26	2 8	8II34	32	36	18 40	10	52	10								
T	6 14 54	2 30	27 28	23 32	30	30	19 9	13	50	7								
W	7 15 55	3 41	28 55	8II14	11 28	16 24	19 37	29 15	10 49	22 4								
Th	8 16 56	4 51	0WS23	22 34	26	18	20 6	18	47	0								
F	9 17 57	6 2	1 51	6m26	25	12	20 33	21	46	21 57								
S	10 18 58	7 14	3 20	19 50	23	6	21 1	24	44	54								
Su	11 19 59	8 25	4 49	2II46	21	0	21 28	26	42	51								
M	12 21 0	9 36	6 19	15 18	19	15	53 21	29	40	47								
T	13 22 1	10 47	7 50	27 31	17	46	22 23	32	38	44								
W	14 23 3	11 59	9 21	9m29	11 14	15 39	22 50	29 35	10 37	21 41								
Th	15 24 4	13 11	10 52	21 18	12	32	23 16	38	36	38								
F	16 25 5	14 23	12 24	3 4	9	25	23 43	41	34	34								
S	17 26 6	15 33	13 57	14 52	7	18	24 9	44	33	30								
Su	18 27 7	16 46	15 30	26 44	4	11	24 35	47	31	27								
M	19 28 8	17 58	17 4	8WS44	1	3	25 1	50	30	24								
T	20 29 9	19 10	18 38	20 55	10 58	14 56	25 27	53	28	20								
W	21 0II10	20 22	20 13	3II17	10 55	14 48	25 52	29 56	10 27	21 17								
Th	22 1 11	21 34	21 48	15 51	52	41	26 17	59	25	14								
F	23 2 12	22 46	23 24	28 37	49	33	26 41	0II2	23	11								
S	24 3 14	23 59	25 0	11II35	46	26	27 6	6	21									
Su	25 4 15	25 11	26 37	24 43	42	18	27 30	9	20									
M	26 5 16	26 23	28 15	8 3	39	10	27 54	12	18									
T	27 6 17	27 33	29 53	21 35	35	2	28 17	15	16	20 50								
W	28 7 18	28 48	1II32	5 8 20	10 32	13 54	28 41	0 19	10 14	20 54								
Th	29 8 18	0WS0	3 12	19 19	28	46	29 4	23	12	5								
F	30 9 19	1 13	4 52	3II31	25	39	29 28	26	10	4								
S	31 10 20	2 25	6 34	17 56	10 21	13 31	29 52	0 29	10 8	20 48								

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

January, 1920

Full Moon January 5th at 9:05 P. M. in \cap $14^{\circ} 15'$

Declination of the Planets

D.	S. T.	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂
	H. M.	° S	° S	° S	° N	° N	° N	° S	° S	° N	° N
Th	1	18 39	23 5	16 57	22 25	15 49	8 53	16 31	4 47	12 31	17 27
F	2	43	0	17 14	39 18	44 54	33	58	30	28	
S	3	47	22 55	31	51 20	27 54	35	5 9	29	29	
Su	4	51	50	47 23	3 20	45 55	36	19	28	29	
M	5	55	44 18	3	14 19	34 56	38	30	27	29	
T	6	59	37	19	24 17	2 57	40	40	26	30	
W	7	19 3	22 30	18 34	23 33	13 27	8 57	16 42	5 50	12 25	17 30
Th	8	7	23	48	40 9	10 58	44	6 0	24	31	
F	9	11	15 19	3	47 4	32 59	46	10	23	31	
S	10	15	6	16	52 0s	11 9	0	48	20	22	31
Su	11	19	21 58	30	56 4	43 1	50	30	21	32	
M	12	23	48	43	59 8	55 2	53	40	20	32	
T	13	27	39	55	24 1	12 39	3	55	50	19	33
W	14	19 31	21 29	20 7	24 2	15 48	9 4	16 57	6 59	12 18	17 33
Th	15	35	18	18	0 18	15 5	59	7 9	17	34	
F	16	39	8	29 23	58 19	54 7	17	1	18	16	34
S	17	42	20 56	39	54 20	42 8	4	27	15	34	
Su	18	46	45	49	49 20	35 9	6	36	14	35	
M	19	50	33	59	43 19	32 10	8	45	13	36	
T	20	54	20 21	7	36 17	34 12	11	54	12	36	
W	21	19 58	20 7	21 15	23 27	14 48	9 13	17 13	8 3	12 10	17 36
Th	22	20 2	19 54	23	16 11	19 14	15	12	9	37	
F	23	6	41	30	4 7	16 16	18	20	8	38	
S	24	10	27	36 22	51 2	50 17	20	29	7	38	
Su	25	14	12	42	36 1N	47 19	23	37	6	38	
M	26	18	18 58	47	20 6	23 20	25	45	5	39	
T	27	22	43	52	3 10	46 22	27	53	4	40	
W	28	20 25	18 27	21 56	21 43	14 38	9 23	17 30	9 1	12 3	17 40
Th	29	30	12	59	23 17	45 25	32	9	2	40	
F	30	34	17 56	22 2	20 1	19 50	26	35	16	41	
S	31	20 38	17 39	22 4	20 37	20 39	9 28	17 37	9 24	12 0	17 41

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

February, 1920

New Moon February 19th at 9:35 P. M. in ♋ 29° 58'

Longitude of the Planets

Date Sign	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
Su	1 11 21	3 38	8 15	2 30	10R17	13R23	0 12	0 32	10 R 7	20 4		
M	2 12 22	4 51	9 57	17 9	13	15	0 33	35	5	3		
T	3 13 23	6 4	11 40	1♌46	9	7	0 55	38	4	3		
W	4 14 24	7 16	13 25	16 13	5	12 59	1 16	42	2	3		
Th	5 15 25	8 29	15 9	0♎24	1	51	1 37	45	1	3		
F	6 16 25	9 42	16 54	14 14	9 57	43	1 57	48	0	2		
S	7 17 26	10 55	18 40	27 38	9 53	12 35	2 18	0 52	9 58	20 2		
Su	8 18 27	12 8	20 27	10♐37	49	27	2 37	55	56	2		
M	9 19 28	13 21	22 14	23 12	44	19	2 57	59	54	1		
T	10 20 28	14 34	24 2	5♎28	40	11	3 17	1 2	52	1		
W	11 21 29	15 47	25 51	17 29	35	3	3 35	5	50	1		
Th	12 22 30	17 0	27 20	29 20	30	11 55	3 53	8	49			
F	13 23 30	18 13	29 30	11 ♄ 8	26	48	4 11	12	47			
S	14 24 31	19 26	1♐20	22 56	9 21	11 40	4 28	1 16	9 46	20		
Su	15 25 32	20 40	3 11	4♐52	17	33	4 45	20	45	19		
M	16 26 32	21 53	5 0	16 58	12	25	4 57	23	43			
T	17 27 33	23 6	6 52	29 18	8	18	5 18	26	41			
W	18 28 33	24 19	8 42	11♐54	3	10	5 33	30	40			
Th	19 29 34	25 32	10 32	24 45	8 58	3	5 49	33	39			
F	20 0♐34	26 45	12 21	7♐52	54	10 56	6 4	36	37			
S	21 1 35	27 59	14 10	21 13	8 49	10 49	6 18	1 40	9 35	19		
Su	22 2 35	29 12	15 56	4♑45	44	42	6 31	44	34			
M	23 3 36	0♐26	17 42	18 26	39	35	6 45	47	32			
T	24 4 36	1 39	19 23	2♑15	34	28	6 57	50	30			
W	25 5 37	2 52	21 5	16 10	30	21	7 9	54	29			
Th	26 6 37	4 5	22 40	0♐10	25	15	7 20	57	28			
F	27 7 37	5 19	24 15	14 16	20	9	7 32	2 0	26			
S	28 8 37	6 32	25 41	28 25	8 15	10 2	7 42	2 4	9 24	19		
Su	29 9 38	7 46	27 8	12♐37	8 11	9 56	7 52	2 8	9 23	19		

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

February, 1920

Full Moon February 4th at 8:42 A. M. in Ω $14^{\circ} 16'$

Declination of the Planets

D.	S. T.	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
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SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

March, 1920

New Moon March 20th at 10:56 A. M. in $\approx 29^{\circ} 34'$

Longitude of the Planets

Date	☉	♀	♂	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏						
Sign	°	′	″	°	′	″	°	′	″	°	′	″	°	′	″						
M	1	10	38	9	0	28	23	26	49	8 R	6	9R50	8	1	2	12	9R22	19	1		
T	2	11	38	10	13	29	39	10Ω	58		1	44		11		15		20			
W	3	12	38	11	26	0 ♀	41	24	59	7	56	38		18		18		18			
Th	4	13	38	12	40	1	43	8m	47		51	33		26		21	9	17			
F	5	14	38	13	53	2	30	22	19		47	27		33		24		16	18		
S	6	15	38	15	7	3	17	5=	32		42	22		40		28		15			
Su	7	16	38	16	20	3	47	18	24	7	37	9	17	8	45	2	32	9	14	18	
M	8	17	38	17	34	4	16	0m	57		32	12		50		35		12			
T	9	18	38	18	47	4	28	13	12		28	8		54		38		10			
W	10	19	38	20	1	4	41	25	14		23	3		58		41		9			
Th	11	20	38	21	14	4R	35	7 †	7		19	8	58	9	0	44		8			
F	12	21	38	22	28	4	30	18	56		14	54		3		48		7			
S	13	22	38	23	41	4	8	0V	347		10	50		4		52		6			
Su	14	23	37	24	55	3	46	12	44	7	5	8	46	9	6	2	55	9	5	18	
M	15	24	37	26	9	3	10	24	59		0	43		5		58		4			
T	16	25	37	27	23	2	34	7~	17	6	56	39		R5	3	1		3			
W	17	26	37	28	36	1	48	20	1		52	35		3		4		2			
Th	18	27	36	29	50	1	1	3	✕	4	47	32		2		8		1			
F	19	28	36	1	✕	3	0	8	16	28	43	29	8	58		11		0			
S	20	29	36	2	17	29	✕	0	♀	10	39	26		55		14	8	59			
Su	21	0	♀	35	3	30	28	21	14	6	6	35	8	23	8	50	3	18	8	58	18
M	22	1	35	4	44	27	27	28	14		30	21		45		21		58			
T	23	2	34	5	58	26	36	12	♂	29	26	19		39		24		57			
W	24	3	34	7	12	25	45	26	46		22	17		33		27		56	17		
Th	25	4	33	8	25	25	0	11	II	2	18	15		25		30		56			
F	26	5	32	9	39	24	15	25	15		14	13		17		33		55			
S	27	6	32	10	52	23	39	9	♄	23	10	12		7		36		54			
Su	28	7	31	12	6	23	3	23	25	6	7	8	10	7	58	3	39	8	53	17	
M	29	8	30	13	20	22	38	7	Ω	19		3		9		47		52			
T	30	9	30	14	34	22	13	21	3		5	59		8		36		51			
W	31	10	29	15	47	21	59	4m	37		5	55	8	7	7	24	3	48	8	50	17

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

March, 1920

Full Moon March 4th at 9:13 P. M. in η 14° 01'

Declination of the Planets

D.	S. T.	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂
H. M.	° S	° S	° N	° N	° N	° N	° N	° S	° S	° N	° N
M	1	22 36	7 35	18 15	0 27	16 11	10 22	18 40	12 1	11 23	17 54
T	2	40	7 12	17 58	1 9	12 40	24	42	4	22	54
V	3	44	6 49	17 41	1 48	8 28	26	43	6	20	55
Th	4	48	6 26	17 23	2 24	3 54	28	45	9	19	55
F	5	52	6 3	17 4	2 57	0s46	30	46	11	18	55
S	6	56	5 40	16 46	3 26	5 18	32	48	13	16	56
Su	7	23 0	5 17	16 26	3 51	9 29	10 33	18 49	12 15	11 15	17 56
M	8	4	4 53	16 7	4 13	13 9	35	50	16	14	57
T	9	7	4 30	15 47	4 30	16 9	37	52	18	13	57
V	10	11	4 6	15 26	4 42	18 23	39	53	19	12	57
Th	11	15	3 43	15 5	4 49	19 47	41	54	20	10	57
F	12	19	3 19	14 44	4 52	20 18	42	55	21	9	58
S	13	23	2 56	14 22	4 51	19 55	44	56	22	8	58
Su	14	23 27	2 32	13 59	4 44	18 38	10 46	18 57	12 22	11 7	17 58
M	15	31	2 8	13 37	4 33	16 30	47	58	22	6	58
T	16	35	1 45	13 14	4 18	13 34	49	59	22	5	59
V	17	39	1 21	12 50	4 0	9 58	51	19 0	22	4	59
Th	18	43	0 57	12 27	3 37	5 48	52	1	22	3	59
F	19	47	0 34	12 2	3 12	1 15	54	1	21	2	59
S	20	51	0 10	11 38	2 44	3N28	55	2	21	0	18 0
Su	21	23 55	0N13	11 13	2 14	8 6	10 57	19 3	12 20	10 59	18 0
M	22	59	0 38	10 48	1 43	12 21	58	3	19	58	0
T	23	0 3	1 1	10 23	1 12	15 55	11 0	4	17	57	0
V	24	7	1 25	9 57	0 40	18 31	1	4	16	56	1
Th	25	11	1 48	9 31	0 9	19 57	3	5	14	55	1
F	26	15	2 12	9 5	0s22	20 6	4	5	12	54	1
S	27	18	2 35	8 39	0 51	18 59	6	6	10	52	1
Su	28	9 22	2 59	8 12	1 18	16 42	11 7	19 6	12 7	10 51	18 2
M	29	26	3 22	7 45	1 44	13 30	8	6	5	50	2
T	30	30	3 46	7 18	2 7	9 35	10	6	2	49	2
V	31	0 34	4 9	6 51	2 28	5 14	11 11	19 7	11 59	10 48	18 2

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

April, 1920

New Moon April 18th at 9:43 P. M. in γ $28^{\circ} 33'$

Longitude of the Planets

Date Sign	☉ ° γ	♀ ° ♋	♂ ° ♋	♂ ° ♍	♂ ° ♍	♂ ° ♍	♂ ° ♍	♂ ° ♍	♂ ° ♍	♂ ° ♍	♂ ° ♍	♂ ° ♍
Th	1 11 28	17 1	21R45	17 58	5R52	8R7	7R11	3 51	8R50	17 32		
F	2 12 27	18 14	21 42	1 = 5	49	7	6 57	54	50	28		
S	3 13 26	19 28	21 40	13 58	46	6	6 43	57	49	25		
Su	4 14 25	20 41	21D48	26 35	43	D 6	6 28	4 0	49	22		
M	5 15 24	21 55	21 57	8M58	39	6	6 13	2	48	19		
T	6 16 23	23 9	22 15	21 8	36	7	5 56	5	48	16		
W	7 17 22	24 23	22 34	3 4 8	5 33	8 7	5 40	4 8	8 47	17 12		
Th	8 18 21	25 36	23 1	15 1	30	8	5 22	10	47	9		
F	9 19 20	26 50	23 29	26 50	28	9	5 4	12	46	6		
S	10 20 19	28 4	24 5	8W41	25	10	4 45	15	46	3		
Su	11 21 18	29 17	24 42	20 39	22	11	4 20	18	46	0		
M	12 22 17	0 γ 31	25 26	2 = 47	20	13	4 6	20	46	16 57		
T	13 23 15	1 45	26 10	15 12	17	15	3 47	23	45	54		
W	14 24 14	2 58	27 0	27 56	5 15	8 16	3 26	4 26	8 45	16 50		
Th	15 25 13	4 12	27 51	11 ♋ 2	13	18	3 5	29	45	47		
F	16 26 11	5 25	28 48	24 33	11	20	2 43	31	45	43		
S	17 27 10	6 39	29 45	8 γ 27	9	23	2 22	33	45	40		
Su	18 28 9	7 53	0 γ 47	22 41	7	25	2 0	36	45	37		
M	19 29 8	9 7	1 50	7 8 12	5	28	1 38	39	45	34		
T	20 0 8 6	10 20	2 58	21 52	3	31	1 15	41	45	31		
W	21 1 5	11 34	4 6	6 II 36	5 1	8 35	0 53	4 43	8D45	16 28		
Th	22 2 3	12 47	5 18	21 17	0	38	0 30	44	45	25		
F	23 3 2	14 1	6 31	5 = 48	4 58	41	0 7	46	45	22		
S	24 4 0	15 14	7 48	20 7	57	45	29 =	48	45	18		
Su	25 4 58	16 28	9 6	4 8 11	56	49	29 22	51	45	15		
M	26 5 57	17 42	10 27	17 58	55	53	29 0	53	45	12		
T	27 6 55	18 56	11 49	1 ng 28	54	57	28 38	55	45	8		
W	28 7 53	20 9	13 11	14 43	4 53	9 2	28 16	4 57	8 46	16 5		
Th	29 8 52	21 23	14 40	27 42	52	6	27 54	59	46	2		
F	30 9 50	22 36	16 10	10 = 26	4 51	9 10	27 32	5 1	8 46	15 59		

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

April, 1920

Full Moon April 3rd at 10:55 A.M. in $\approx 13^{\circ} 24'$

Declination of the Planets

D.	S. T.	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	H. M.	° N'	° S'	° S'	° N'	° N'	° N'	° S'	° S'	° S'	° S'	° N'	° N'	° N'
1	0 38	4 32	6 23	2 47	0 42	11 12	19 7	11 56	10 47	18 3				
2	42	4 55	5 56	3 3	3 _s 48	13	7	52	46	3				
3	46	5 18	5 28	3 16	8 3	14	7	49	45	3				
4	50	5 41	5 0	3 27	11 52	16	7	45	44	3				
5	54	6 4	4 32	3 35	15 5	17	6	41	43	3				
6	58	6 27	4 4	3 41	17 35	18	6	37	42	3				
7	1 2	6 49	3 35	3 44	19 15	11 19	19 6	11 33	10 41	18 3				
8	6	7 12	3 7	3 45	20 3	20	6	29	40	4				
9	10	7 34	2 38	3 44	19 58	21	6	24	39	4				
10	14	7 56	2 9	3 40	18 59	22	5	19	38	4				
11	18	8 18	1 41	3 34	17 10	22	5	14	37	4				
12	22	8 40	1 12	3 26	14 34	23	4	9	36	4				
13	25	9 2	0 43	3 16	11 16	24	4	4	35	4				
14	1 29	9 24	0 14	3 3	7 22	11 25	19 3	10 59	10 34	18 4				
15	33	9 45	0 _N 15	2 49	3 2	26	3	54	34	4				
16	37	10 7	0 44	2 34	1 _N 36	26	2	48	33	4				
17	41	10 28	1 13	2 16	6 17	27	1	43	32	4				
18	45	10 49	1 42	1 57	10 44	28	1	37	31	4				
19	49	11 10	2 11	1 36	14 39	28	0	32	30					
20	53	11 31	2 40	1 13	17 41	29	18 59	20	30					
21	1 57	11 51	3 9	0 49	19 33	11 29	18 58	10 20	10 29	18				
22	2 12	12 11	3 38	0 23	20 5	30	57	15	28					
23	5 12	12 31	4 6	0 _N 4	19 16	30	56	9	27					
24	9 12	12 51	4 35	0 32	17 13	30	55	3	27	4				
25	13 13	13 11	5 4	1 1	14 11	31	54	9 57	26	4				
26	17 13	13 30	5 32	1 32	10 25	31	53	52	25	4				
27	21 13	13 50	6 1	2 5	6 12	31	52	46	24	4				
28	2 25	14 9	6 29	2 38	1 45	11 32	18 51	9 41	10 23	18 4				
29	29 14	14 27	6 57	3 12	2 _s 41	32	49	35	23	4				
30	2 33	14 46	7 25	3 48	6 56	11 32	18 48	9 30	10 22	18 4				

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

May, 1920

Eclipse of Sun May 18th at 6:25 A.M. in δ $26^{\circ} 59'$
Longitude of the Planets

Date Sign	☉ ° 8'	♀ ° 7'	♂ ° 7'	♂ ° 7'	♂ ° 7'	♂ ° 7'	♂ ° 7'	♂ ° 7'	♂ ° 7'	♂ ° 7'	♂ ° 7'
S	1 10 48	23 50	17 40	22 58	4r50	9 15	27r11	5 3	8d47	15 56	56
Su	2 11 46	25 3	19 13	5m19	50	20 26	50	5	47	53	53
M	3 12 44	26 17	20 47	17 29	50	25 26	29	7	48	50	50
T	4 13 42	27 30	22 24	29 30	50	30 26	9	9	48	47	47
W	5 14 41	28 44	24 2	11 25	49	36 25	49	10	49	44	44
Th	6 15 39	29 57	25 43	23 16	49	41 25	30	12	50	40	40
F	7 16 37	1 8 11	27 24	5 13 6	4 49	9 47	25 11	5 13	8 50	15 37	37
S	8 17 35	2 25 29	7 16 58		49	53 24	53	15	50	34	34
Su	9 18 33	3 39 08	54 28	55	d49	59 24	36	16	51	31	31
M	10 19 31	4 52 2	41 11	3	49	10 5	24 19	18	52	28	28
T	11 20 28	6 6 4	32 23	25	50	11 24	2	19	53	23	23
W	12 21 26	7 19 6	25 6	6 6	50	17 23	47	21	54	22	22
Th	13 22 24	8 33 8	18 19	9	51	24 23	32	23	55	19	19
F	14 23 22	9 46 10	15 2 7 37		4 52	10 31	23 18	5 24	8 56	15 16	16
S	15 24 20	11 0 12	12 16 31		53	38 23	4	25	56	12	12
Su	16 25 18	12 13 14	12 0 8 51		54	45 22	51	26	57	9	9
M	17 26 16	13 27 16	12 15 32		55	52 22	39	27	58	6	6
T	18 27 13	14 40 18	16 0 11 29		56	59 22	28	28	59	3	3
W	19 28 11	15 54 20	20 15 34		57	11 7	22 17	29	9 0	0	0
Th	20 29 9	17 8 22	27 0 5 37		58	14 22	8	30	1 14	56	56
F	21 0 11 7	18 22 24	34 15 30		5	0 11	22 21 59	5 31	9 2	14 53	53
S	22 1 4 19	35 26 43	0 9 6		2	30 21	51	32	3	50	50
Su	23 2 2 20	49 28 53	14 21		3	38 21	43	33	4	47	47
M	24 3 0 22	2 1 11	4 28 12		5	46 21	37	34	5	44	44
T	25 3 57 23	16 3 15	11 39		7	54 21	31	35	6	40	40
W	26 4 55 24	29 5 27	24 44		9	12 2	21 27	36	7	37	37
Th	27 5 52 25	43 7 39	7 30		11	11 21	22	36	8	34	34
F	28 6 50 26	56 9 51	19 59		5 13	12 19	21 19	5 36	9 9	14 31	31
S	29 7 47 28	10 12 2	2 16		15	28 21	17	37	10	28	28
Su	30 8 45 29	23 14 12	14 22		17	36 21	16	38	11	24	24
M	31 9 42 0	11 37 16	22 26	21	5 20	12 45	21 15	5 38	9 13	14 21	21

D.	S. T.	☉	♀	♂	☿	♈	♊	♌	♍	♎	♏
	H. M.	' N	' N	' N	' S	' N	' N	' S	' S	' N	
S	1	2 36	15 4	7 53	4 24	10 50	11 32	18 47	9 25	10 21	18 4
Su	2	40	15 22	8 21	5 2	14 11	32	45	20	21	4
M	3	44	15 40	8 48	5 40	16 53	32	44	15	20	4
T	4	48	15 57	9 15	6 20	18 48	32	42	10	20	4
W	5	52	16 15	9 43	7 0	19 52	32	41	5	19	4
Th	6	56	16 32	10 9	7 41	20 2	32	39	1	18	3
F	7	3 0	16 48	10 36	8 23	19 19	11 32	18 38	8 56	10 18	18 3
S	8	4 17	5 11	3 9	5 17	46	32	36	52	18	3
Su	9	8 17	21 11	29 9	48 15	25	32	34	48	17	2
M	10	12 17	37 11	55 10	32 12	23	31	33	44	16	2
T	11	16 17	52 12	20 11	16 8	46	31	31	41	16	2
W	12	20 18	8 12	46 12	0 4	40	31	29	38	16	2
Th	13	24 18	23 13	11 12	45 0	14	30	27	35	15	2
F	14	3 28	18 37	13 36	13 30	4N21	11 30	18 25	8 32	10 14	18 2
S	15	32 18	52 14	0 14	14 8	53	30	23	29	14	2
Su	16	36 19	6 14	24 14	59 13	2	29	21	27	14	2
M	17	40 19	19 14	48 15	44 16	30	29	19	25	13	2
T	18	43 19	33 15	11 16	28 18	56	28	17	23	12	2
W	19	47 19	46 15	34 17	11 20	2	27	15	21	12	1
Th	20	51 19	58 15	57 17	54 19	43	27	13	20	12	1
F	21	3 55	20 11	16 19	18 36	18 1	11 26	18 11	8 19	10 12	18 1
S	22	59 20	23 16	41 19	17 15	10	25	9	18	11	1
S	23	4 3	20 35	17 2	19 57	11 29	25	7	18	11	0
M	24	7 20	46 17	23 20	35 7	16	24	4	18	11	17 59
T	25	11 20	57 17	44 21	11 2	49	23	2	18	10	59
W	26	15 21	7 18	4 21	46 1s40		22	0	18	10	59
Th	27	19 21	18 18	24 22	18 5	58	21	17 57	19	10	59
F	28	4 23	21 27	18 43	22 48	9 56	11 20	17 55	8 20	10 10	17 58
S	29	27 21	37 19	1 23	16 13	24	19	52	21	9	58
Su	30	31 21	46 19	20 23	41 16	16	18	50	23	9	57
M	31	4 35	21 55	19 37	24 3	18 23	11 17	17 47	8 25	10 9	17 57

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

June, 1920

New Moon June 16th at 1:41 P. M. in Π $25^{\circ} 4'$

Longitude of the Planets

Date Sign	☉ ° Π '	♀ ° Π '	♂ ° Π '	☿ ° \uparrow '	♂ ° \uparrow '	♂ ° \uparrow '	♂ ° \uparrow '	♂ ° \uparrow '	♂ ° \uparrow '	♂ ° \uparrow '	♂ ° \uparrow '	♂ ° \uparrow '
T	1 10 40	1 50	18 29	8 15	5 23	12 54	21 15	5 38	9 15	14 1		
W	2 11 38	3 4	20 37	20 6	25	13 3	16	39	17	1		
Th	3 12 35	4 18	22 41	1 56	28	12	18	40	19	1		
F	4 13 32	5 32	24 46	13 47	31	22	20	40	20			
S	5 14 30	6 45	26 46	25 42	34	31	23	40	21			
Su	6 15 27	7 59	28 47	7 42	37	40	27	40	22			
M	7 16 24	9 12	0 43	19 52	5 40	13 50	21 32	5 40	9 24	13 5		
T	8 17 22	10 26	2 39	2 14	43	14 0	37	40	25	5		
W	9 18 19	11 39	4 30	14 52	46	10	43	40	27	5		
Th	10 19 16	12 53	6 22	27 50	50	19	49	40	29	4		
F	11 20 14	14 7	8 8	11 11	53	29	57	40	30	4		
S	12 21 11	15 20	9 55	24 58	57	39	22 5	40	31	4		
Su	13 22 8	16 34	11 36	9 11	6 0	49	14	40	32	4		
M	14 23 5	17 48	13 18	23 49	6 4	14 59	22 24	5 40	9 34	13 3		
T	15 24 3	19 1	14 54	8 48	8	15 10	34	39	36	3		
W	16 25 0	20 15	16 31	24 0	12	20	45	39	37	3		
Th	17 25 58	21 28	18 2	9 15	16	30	57	39	39	2		
F	18 26 55	22 42	19 34	24 22	20	41	23 8	39	41	2		
S	19 27 52	23 55	21 0	9 13	24	51	21	39	43	2		
Su	20 28 50	25 9	22 27	23 41	29	16 2	34	38	44	1		
M	21 29 47	26 23	23 48	7 40	6 33	16 13	23 49	5 38	9 46	13 1		
T	22 0 44	27 37	25 9	21 11	37	24 24	3	37	48	1		
W	23 1 41	28 51	26 24	4 16	41	35	18	36	50			
Th	24 2 38	0 4	27 39	16 57	46	46	34	35	52			
F	25 3 36	1 18	28 49	29 20	51	57	50	34	54			
S	26 4 33	2 32	29 59	11 28	56	17 8	25 7	33	56	12 5		
Su	27 5 30	3 45	1 2	23 26	7 0	19	24	33	58	5		
M	28 6 27	4 59	2 6	5 18	7 5	17 31	25 42	5 32	9 59	12 5		
T	29 7 25	6 12	3 3	17 8	10	43	26 1	32	10 0	4		
W	30 8 22	7 26	4 1	28 58	7 15	17 54	26 20	5 31	10 2	12 4		

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

June, 1920

Full Moon June 1st at 5:18 P. M. in \uparrow $10^{\circ} 53'$

Declination of the Planets

D.	S. T.	☉	♀	♂	♂	♂	♂	♂	♂	♂
H. M.	° N	° N	° N	° S	° N	° N	° S	° S	° S	° N
T	1	4 39	22 3	19 54	24 23	19 41	11 16	17 45	8 27	10 9
W	2	43	11	20 11	40	20 7	15	42	29	9
Th	3	47	19	27	54	19 39	14	39	31	9
F	4	50	26	42	25 6	18 19	13	37	34	10
S	5	54	33	57	15	16 11	12	34	37	9
Su	6	58	39	21 12	21	13 21	11	31	41	9
M	7	5	2	22 45	21 26	25 24	9 56	11 9	17 28	8 44
T	8	6	51	39	25	6 2	8	26	48	9
W	9	10	56	51	24	1 47	7	23	52	9
Th	10	14	23 1	22 3	21	2N39	5	20	56	9
F	11	18	5	15	15	7 6	4	17	9 1	9
S	12	22	9	25	7	11 20	2	14	6	9
S	13	26	13	35	24 58	15 4	1	11	11	9
M	14	5 30	23 16	22 45	24 46	17 58	10 59	17 8	9 6	10 9
T	15	34	19	54	33	19 43	58	5	21	9
W	16	38	21 23	2	19	20 4	56	2	27	9
Th	17	42	23	9	3	18 56	55	16 59	33	9
F	18	46	25	16	23 45	16 29	53	55	39	10
S	19	50	26	22	27	13 0	51	52	45	10
Su	20	54	27	27	8	8 49	50	49	51	10
M	21	5 58	23 27	23 32	22 47	4 17	10 48	16 46	9 58	10 10
T	22	6 1	27	36	26	0s19	46	42	10 5	10
W	23	5	26	40	4	4 46	45	39	12	11
Th	24	9	25	42	21 41	8 53	43	36	19	11
F	25	13	24	44	18	12 31	41	32	26	12
S	26	17	22	45	20 54	15 33	39	29	34	12
Su	27	21	20	46	30	17 53	37	26	41	13
M	28	6 25	23 17	23 46	20 6	19 24	10 35	16 22	10 49	10 13
T	29	29	14	45	19 41	20 5	33	19	57	13
W	30	6 33	23 11	23 43	19 17	19 52	10 31	16 15	11 5	10 14

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

July, 1920

New Moon July 15th at 8:25 P. M. in ϖ 23° 1'
Longitude of the Planets

Date Sign	☉ ° ϖ '	♀ ° ϖ '	♂ ° Ω '	♂ ° ϖ '	♂ ° ϖ '	♂ ° ϖ '	♂ ° ϖ '	♂ ° ϖ '	♂ ° ϖ '	♂ ° ϖ '	♂ ° ϖ '
Th	1 9 19	8 40	4 52	10 49	7 20	18 5	26 40	5r31	10 4	12 4	4
F	2 10 16	9 54	5 43	22 45	26	17 26	59	30	6	3	3
S	3 11 13	11 7	6 26	4 46	31	28 27	20	29	7	3	3
Su	4 12 10	12 21	7 10	16 54	36	40 27	40	28	9	3	3
M	5 13 8	13 35	7 46	29 10	41	52 28	1	26	12	2	2
T	6 14 5	14 49	8 22	11 37	47	19 3	28 23	24	15	2	2
W	7 15 2	16 2	8 50	24 18	7 52	19 15	28 45	5 23	10 17	12 2	2
Th	8 15 59	17 16	9 18	7 15	58	27 29	8	22	19	2	2
F	9 16 56	18 30	9 37	20 31	8 3	39 29	31	20	21	1	1
S	10 17 54	19 44	9 56	4 8 9	9	51 29	54	19	23	1	1
Su	11 18 51	20 58	10 5	18 12	15 20	3 0m	18	18	25	1	1
M	12 19 48	22 12	10 15	2 38	21	15 0	42	16	27		
T	13 20 45	23 25	10 16	17 26	26	27 1	7	14	30		
W	14 21 43	24 39	10r16	2 29	8 32	20 29	1 32	5 13	10 32	12	12
Th	15 22 40	25 53	10 7	17 40	38	51 1	57	12	34	11	5
F	16 23 37	27 7	9 58	2 48	44 21	4 2	23	10	36	5	5
S	17 24 34	28 21	9 39	17 43	50	16 2	49	8	38	5	5
Su	18 25 32	29 35	9 21	2m16	57	29 3	15	7	40	4	4
M	19 26 29	0 49	8 53	16 22	9 3	41 3	42	6	42	4	4
T	20 27 26	2 3	8 26	27 59	9	54 4	9	4	44	4	4
W	21 28 23	3 16	7 51	13 6	9 15	22 6	4 37	5 2	10 46	11	3
Th	22 29 21	4 30	7 17	25 49	22	19 5	5	0	49	3	3
F	23 0 18	5 44	6 37	8m11	28	31 5	33	4 58	52	3	3
S	24 1 15	6 58	5 57	20 17	35	44 6	1	56	54	3	3
Su	25 2 13	8 12	5 14	2 13	41	56 6	30	54	56	2	2
M	26 3 10	9 26	4 31	14 3	48 23	9 6	59	52	58	2	2
T	27 4 7	10 40	3 48	25 52	54	21 7	29	50	11 0	2	2
W	28 5 5	11 54	3 5	7 44	10 1	23 34	7 59	4 48	11 2	11	1
Th	29 6 2	13 8	2 25	19 40	7	47 8	29	46	4	1	1
F	30 6 59	14 22	1 45	1 42	14 24	0 8	59	44	7	1	1
S	31 7 57	15 36	1 11	13 53	10 21	24 13	9 30	4 42	11 10	11	11

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

July, 1920

Full Moon July 1st at 8:41 A.M. in φ $9^{\circ} 11'$

Full Moon July 30th at 11:19 P. M. in $\approx 7^{\circ} 27'$

Declination of the Planets

D.	S. T. H. M.	♂ N	♀ N	♂ N	♂ S	♂ N	♂ N	♂ S	♂ S	♂ N	
1	6 37	23	7 23	41 18	53 18	46 10	29 16	12 11	13 10	14 17	44
2	41		3 38		29 16	52 27		8 22		14 43	
3	45	22 58		35 5	14 13		25 23	4 1	30 39	14 15	43
4	49		53 30	17 42	10 57		23 21	15 57	47 15		43
5	53		48 25		19 7	11 21	15 57		47 15		42
6	57		42 19	16 57	3 4		19 53		56 16		41
7	7 1	22 36	23 13	16 35	1n16	10 17	15 50	12 5	10 16	17 41	
8	5		29 6		14 5	38 15		46 14		17 40	
9	8		22 58	15 55	9 51		13 42		24 17	40	
10	12		15 49		36 13	41 11		39 33		18 39	
11	16		7 40		19 16	51 8		35 42		18 39	
12	20	21 59		30 2	19 3		6 31		52 19		38
13	24		51 20	14 48	20 1		4 27	13 1		19 38	
14	7 28	21 42	22 9	14 34	19 36	10 1	15 23	13 11	10 20	17 37	
15	32		33 21	57 23	17 46	9 59		19 21		21 37	
16	36		23 44		13 14	42 57		15 30		22 36	
17	40		13 31		5 10	45 55		11 40		22 36	
18	44		3 18	13 59	6 14		52 52	7 50		23 35	
19	48	20 52		3 54	1 31		50 3	14 0		23 34	
20	52		41 20	48 52	3 s 7		47 14	59 10		24 33	
21	7 56	20 29	20 33	13 52	7 27	9 45	14 55	14 20	10 24	17 33	
22	8 0		18 17		54 11	19 42		51 31		25 32	
23	4		6 0		57 14	35 40		47 41		25 32	
24	8 19	53 19	43 14		3 17	9 38		43 51		26 31	
25	12		41 25		10 18	55 35		39 15	1	27 31	
26	16		27 7		19 19	51 33		35 12		28 30	
27	19		14 18	48 30	19 54		30 31		22 29		29
28	8 23	19 0	18 28	14 41	19 5	9 27	14 27	15 33	10 30	17 28	
29	27	18 46		9 55	17 25		25 22		43 30		28
30	31		32 17	48 15	9 14	59 22		18 53		31 27	
31	8 35	18 17	17 27	15 24	11 53	9 20	14 14	16 4	10 31	17 27	

New Moon August 14th at 3:44 A.M. in Ω $21^{\circ} 1'$
Longitude of the Planets

[illegible]

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

August, 1920

Full Moon August 29th at 1:03 P. M. in $\times 5^{\circ} 52'$

Declination of the Planets

D.	S. T.	☉	♀	♂	♂	♂	♂	♂	♂	♂
H. M.	° N'	° N'	° N'	° S'	° N'	° N'	° S'	° S'	° S'	° N'
1	8 39	18 2	17 6	15 39	8 14	9 17	14 10	16 14	10 32	17 26
2	43	17 47	16 44	55 4	12	14	5	25	33	26
3	47	17 32	16 21	16 11	0 _N 5	12	1	35	34	25
4	51	17 16	15 59	28 4	25	9 13	57	46	34	25
5	55	17 0	15 35	43 8	38	7	52	56	35	24
6	59	16 43	15 12	59 12	31	4	48	17 7	36	24
7	9 3	16 26	14 48	17 14	15 48	9 1	13 44	17 17	10 37	17 23
8	7	16 10	14 23	28 18	16	8 58	39	27	38	22
9	11	15 53	13 58	41 19	39	56	35	38	39	21
10	15	15 35	13 33	52 19	46	53	31	48	40	20
11	19	15 18	13 8	18 3	18 33	50	26	59	41	20
12	23	15 0	12 42	11 16	5	48	22	18 9	42	20
13	26	14 42	12 15	18 12	33	45	17	19	43	19
14	9 30	14 23	11 49	18 23	8 17	8 42	13 13	18 29	10 44	17 18
15	34	14 5	11 22	26 3	37	39	9	40	44	18
16	38	13 46	10 54	27 1	s 7	36	4	50	45	17
17	42	13 27	10 27	25 5	40	34	0	19 0	46	16
18	46	13 7	9 59	20 9	47	31	12 55	10	47	16
19	50	12 48	9 31	13 13	20	28	51	20	47	15
20	54	12 28	9 3	3 16	11	25	46	30	48	15
21	9 58	12 8	8 34	17 50	18 14	8 22	12 42	19 40	10 49	17 14
22	10 2	11 48	8 5	34 19	26	20	37	50	50	13
23	6	11 28	7 36	16 19	47	17	33	59	51	13
24	10	11 8	7 7	16 55	19 14	14	28	20 9	52	13
25	14	10 47	6 38	31 17	51	11	24	18	53	12
26	18	10 26	6 8	4 15	40	8	19	28	54	12
27	22	10 5	5 38	15 35	12 47	5	15	37	54	11
28	10 26	9 44	5 8	15 3	9 18	8 3	12 10	20 47	10 55	17 11
29	30	9 23	4 38	14 29	5 22	0	5	56	56	10
30	33	9 1	4 8	13 53	1 8	7 57	1	21 5	57	9
31	10 37	8 40	3 38	13 16	3 _N 14	7 54	11 56	21 14	10 58	17 8

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich

September, 1920

New Moon September 12th at 0:52 P. M. in $\text{m} 19^{\circ} 26'$
Longitude of the Planets

Date Sign	\odot $^{\circ} \text{m}'$	\odot $^{\circ} \text{m}'$	\odot $^{\circ} \text{m}'$	\odot $^{\circ} \text{m}'$	\odot $^{\circ} \text{m}'$	\odot $^{\circ} \text{m}'$	\odot $^{\circ} \text{m}'$	\odot $^{\circ} \text{m}'$	\odot $^{\circ} \text{m}'$	\odot $^{\circ} \text{m}'$	\odot $^{\circ} \text{m}'$
W	1 8 43	25 5	1 26	14 13	14 12	1 9	27 53	3R28	12 18		
Th	2 9 42	26 19	3 24	27 34	20	22 28	31	26	20		
F	3 10 40	27 33	5 21	11 8 6	27	35 29	9	24	22		
S	4 11 38	28 47	7 18	24 50	35	48 29	47	22	24		
Su	5 12 36	0 21	9 14	8 44	42	2 10	25	20	26		
M	6 13 34	1 15	11 10	22 51	50	14 1	4	17	28		
T	7 14 32	2 29	13 4	7 57	14 58	2 27	1 42	3 15	12 30		
W	8 15 31	3 43	14 59	21 32	15 5	40	2 21	12	32		
Th	9 16 29	4 57	16 53	6 1	13	53	3 0	10	34		
F	10 17 28	6 11	18 45	20 28	20 3	6	3 39	8	36		
S	11 18 26	7 25	20 36	4 49	28	19	4 18	6	38		
Su	12 19 24	8 39	22 27	18 56	35	32	4 57	3	40		
M	13 20 23	9 53	24 16	2 45	42	44	5 37	1	42		
T	14 21 21	11 7	26 5	16 12	15 50	3 57	6 16	2 59	12 44		
W	15 22 20	12 21	27 51	29 17	57	4 10	6 56	56	46		
Th	16 23 18	13 35	29 38	12 1	16 5	23	7 36	54	47		
F	17 24 17	14 49	1 23	24 25	13	35	8 16	52	48		
S	18 25 16	16 3	3 7	6 34	20	48	8 57	50	50		
Su	19 26 14	17 17	4 49	18 33	28	5 0	9 37	48	52		
M	20 27 13	18 31	6 32	0 25	35	13	10 17	46	54		
T	21 28 12	19 45	8 12	12 17	16 42	5 26	10 58	2 44	12 56		
W	22 29 10	20 59	9 53	24 13	50	38	11 39	42	58		
Th	23 0 9	22 13	11 31	6 17	58	50	12 20	40	13 0		
F	24 1 8	23 27	13 10	18 33	17 5	6 3	13 1	37	1		
S	25 2 7	24 41	14 46	1 34	12	15	13 42	35	3		
Su	26 3 5	25 55	16 23	13 52	20	28	14 23	33	5		
M	27 4 4	27 9	17 58	26 55	27	40	15 4	32	6		
T	28 5 3	28 23	19 33	10 15	17 34	6 52	15 46	2 30	13 7		
W	29 6 2	29 37	21 6	23 49	42	7 4	16 27	28	9		
Th	30 7 1	0 51	22 39	7 35	17 49	7 17	17 9	2 26	13 11		

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

September, 1920

Full Moon September 28th at 1:57 A.M. in γ $4^{\circ} 38'$

Declination of the Planets

D.	S. T.		☉	♀	♂	♂	♂	♂	♂	♂	♂
	H.	M.	° N	° N	° N	° N	° N	° N	° S	° S	° N
1	10	41	8 18	3 7	12 36	7 31	7 51	11 52	21 23	10 58	17 8
2		45	7 56	2 37	11 55	11 29	48	47	31	59	7
3		49	7 34	2 6	11 13	14 54	45	43	40	11 0	7
4		53	7 12	1 36	10 30	17 33	42	38	49	1	6
5		57	6 50	1 5	9 45	19 11	40	33	57	2	6
6	11	1	6 28	0 34	9 0	19 39	37	29	22 5	3	5
7	11	5	6 5	0 3	8 15	18 52	7 34	11 24	22 13	11 4	17 4
8		9	5 43	0s28	7 28	16 53	31	20	21	5	4
9		13	5 20	0 58	6 41	13 49	28	15	29	6	3
0		17	4 58	1 29	5 54	9 56	25	11	37	7	3
1		21	4 35	2 0	5 7	5 31	22	6	44	8	3
2		25	4 12	2 31	4 20	0 51	19	1	52	8	2
3		29	3 49	3 2	3 32	3s46	17	10 57	59	9	2
4	11	33	3 26	3 53	2 45	8 5	7 14	10 52	23 6	11 10	17 2
5		37	3 3	4 3	1 57	11 54	11	48	13	11	1
6		41	2 40	4 34	1 10	15 2	8	43	20	11	0
7		44	2 16	5 5	0 23	17 24	5	39	26	12	0
8		48	1 53	5 35	0s24	18 55	2	34	33	13	0
9		52	1 30	6 5	1 11	19 33	0	30	39	14	16 59
0		56	1 7	6 36	1 57	19 18	6 57	25	45	14	58
1	12	0	0 43	7 6	2 43	18 12	6 54	10 21	23 51	11 15	16 57
2		4	0 20	7 36	3 28	16 18	51	16	57	16	57
3		8	0s3	8 5	4 13	13 41	48	12	24 2	17	56
4		12	0 27	8 35	4 58	10 26	45	7	8	17	56
5		16	0 50	9 4	5 42	6 40	43	3	13	18	56
6		20	1 14	9 34	6 26	2 31	40	9 58	18	19	55
7		24	1 37	10 2	7 9	1s50	37	54	22	20	55
8	12	28	2 0	10 32	7 51	6 12	6 34	9 49	24 27	11 20	16 54
9		32	2 24	11 0	8 33	49 58	6 29	9 40	24 35	11 21	16 54
0	12	36	2 47	11 28	9 15	13 20	32	45	31	20	54

SIMPLIFIED SCIENTIFIC EPIHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

October, 1920

New Moon October 12th at 0:50 A. M. in $\approx 18^{\circ} 24'$

Longitude of the Planets

Date	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
Sign	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
F	1 8 0	2 4 24 10	21 30	17 56	7 29	17 51	2R24	13 12	7		
S	2 8 59	3 18 25 42	5 II 33	18 3	41	18 33	22	13			
Su	3 9 58	4 32 27 12	19 41	10	53	19 15	20	14			
M	4 10 57	5 46 28 42	3 51	18 8	5 19 57	18	15				
T	5 11 56	7 0 0m 10	18 3	25	17 20 39	17	16				
W	6 12 56	8 14 1 38	2 13	32	29 21 22	16	18				
Th	7 13 55	9 28 3 4	16 20	18 39	8 41	22 4	2 14	13 19	7		
F	8 14 54	10 42 4 30	0m 21	46	52 22 47	12	20				
S	9 15 53	11 55 5 54	14 13	53	9 4 23 29	10	22				
Su	10 16 53	13 9 7 19	27 53	19 0	16 24 12	9	23				
M	11 17 52	14 23 8 42	11 19	7	28 24 55	8	24				
T	12 18 52	15 37 10 4	24 29	14	39 25 38	6	25				
W	13 19 51	16 50 11 24	7m 21	21	50 26 21	5	26				
Th	14 20 51	18 4 12 45	19 57	19 28	10 1 27 4	2 4	13 28	7			
F	15 21 50	19 18 14 3	2 18	36	13 27 48	3	29				
S	16 22 50	20 32 15 21	14 25	44	24 28 31	2	30				
Su	17 23 49	21 45 16 37	26 23	49	35 29 14	0	31	6			
M	18 24 49	22 59 17 53	8 16	54	46 29 58	1 59	32				
T	19 25 48	24 13 19 6	20 8	20 1	57 0 11	58	33				
W	20 26 48	25 27 20 18	2 3	8 11	8 1 25	57	34				
Th	21 27 48	26 40 21 26	14 7	20 15	11 18	2 9	1 56	13 35	6		
F	22 28 48	27 54 22 35	26 24	21	29 2 53	55	35				
S	23 29 47	29 8 23 40	8 57	27	40 3 37	54	36				
Su	24 0m 47	0 4 22 44	21 50	33	51 4 21	53	37				
M	25 1 47	1 36 25 44	5 4	39 12	1 5 5	52	38				
T	26 2 47	2 49 26 43	18 40	46	11 5 49	51	38				
W	27 3 47	4 3 27 36	2 36	52	21 6 33	50	39				
Th	28 4 47	5 16 28 29	16 48	20 58	12 32	7 18	1 49	13 40	6		
F	29 5 47	6 29 29 14	1 13	21 4	42 8 2	49	41				
S	30 6 46	7 43 29 59	15 43	10	52 8 47	48	41				
Su	31 7 46	8 57 0 4 34	0 15	21 16	13 2	9 32	1 48	13 41	6		

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

October, 1920

Eclipse of Moon October 27th at 2:08 P. M. in γ $3^{\circ} 52'$

Declination of the Planets

S. T.	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
H. M.	° S	° S	° S	° N	° N	° N	° N	° S	° S	° N	° N
12 40	3 10	11 56	9 55	16 51	6 26	9 36	24 39	11 21	16 54		
2 44	3 34	12 24	10 36	18 45	23	32	43	22	53		
3 48	3 57	12 52	11 15	19 29	21	27	46	22	53		
4 51	4 20	13 19	11 54	18 59	18	23	50	23	52		
5 55	4 43	13 46	12 32	17 19	15	19	53	24	52		
6 59	5 6	14 12	13 9	14 35	13	14	55	25	51		
7 13	3 5 29	14 39	13 46	11 1	6 10	9 10	24 58	11 25	16 51		
8 7	5 52	15 4	14 21	6 51	7	6 25	0	26	51		
9 11	6 15	15 30	14 56	2 22	5	2	2	26	51		
10 15	6 38	15 55	15 30	2s11	2	8 57	4	27	50		
11 19	7 1	16 20	16 4	6 33	5 59	53	6	27	50		
12 23	7 23	16 44	16 36	10 31	57	49	7	28	50		
13 27	7 46	17 8	17 8	13 54	54	45	8	28	50		
13 31	8 8	17 32	17 38	16 33	5 52	8 41	25 9	11 29	16 49		
14 35	8 30	17 55	18 8	18 22	49	36	10	29	49		
15 39	8 53	18 17	18 36	19 19	47	32	10	29	49		
16 43	9 15	18 40	19 4	19 22	44	28	10	30	49		
17 47	9 37	19 1	19 30	18 33	42	24	10	30	48		
18 51	9 58	19 22	19 55	16 55	39	20	10	30	48		
19 55	10 20	19 43	20 19	14 35	37	16	9	31	48		
13 59	10 42	20 3	20 42	11 35	5 34	8 12	25 9	11 31	16 48		
14 2	11 3	20 23	21 4	8 3	32	8	7	32	47		
3 6	11 24	20 42	21 24	4 4	30	4	6	32	47		
4 10	11 45	21 0	21 43	0N11	27	1	4	32	47		
5 14	12 6	21 18	22 0	4 33	25	7 57	2	33	47		
6 18	12 26	21 36	22 16	8 49	23	53	0	33	46		
7 22	12 49	21 53	22 30	12 43	20	49	24 58	33	46		
14 26	13 7	22 9	22 42	15 57	5 18	7 45	24 55	11 34	16 46		
15 30	13 27	22 24	22 53	18 15	16	42	52	34	45		
16 34	13 47	22 39	23 1	19 21	14	38	49	34	45		
17 38	14 6	22 54	23 8	19 11	5 11	7 34	24 46	11 34	16 45		

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

November, 1920

Eclipse of Sun November 10th at 4:05 P.M. in η $17^{\circ} 59'$

Longitude of the Planets

Date	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
Sign	° m'	° f'	° f'	° g'	° m'	° m'	° v'	° x'	° o'	° o'	° o'
M	1 8 47	10 10	1 9	14 43	21 22	13 12	10 16	1R47	13 42		
T	2 9 47	11 23	1 32	29 2	28	22 11	1 47		42		
W	3 10 47	12 37	1 55	13 10	34	31 11	46	46	43		
Th	4 11 47	13 50	2 3	27 6	40	41 12	31	46	43		
F	5 12 47	15 4	2R12	10 47	45	50 13	15	46	43		
S	6 13 47	16 17	2 4	24 15	51	14 0	14 0	46	43		
Su	7 14 48	17 31	1 55	7 29	21 57	14 9	14 45	1 45	13 44		
M	8 15 48	18 44	1 27	20 29	22 2	18 15	30	45	44		
T	9 16 48	19 58	0 59	3 16	7	27 16	16	45	44		
W	10 17 49	21 11	29 m	15 51	12	36 17	1	45	44		
Th	11 18 49	22 24	29 23	28 14	18	44 17	46	45	45		
F	12 19 49	23 37	28 17	10 27	23	52 18	31	45	45		
S	13 20 50	24 51	27 12	22 30	28	15 1	19 17	45	45		
Su	14 21 50	26 4	25 54	4 26	22 33	15 9	20 2	1 45	13 45		
M	15 22 51	27 17	24 37	16 18	38	18 20	48	D45	46		
T	16 23 51	28 30	23 16	28 9	43	26 21	33	46	46		
W	17 24 52	29 44	21 56	10 3	48	34 22	19	46	46		
Th	18 25 52	0 57	20 43	22 3	53	42 23	4	46	46		
F	19 26 53	2 10	19 30	4 16	57	50 23	50	46	R46		
S	20 27 53	3 23	18 34	16 45	23 1	58 24	36	47	46		
Su	21 28 54	4 36	17 38	29 35	23 6	16 5	25 22	1 48	13 46		
M	22 29 54	5 49	17 3	12 49	10	12 26	8	48	45		
T	23 0 55	7 2	16 28	26 29	15	19 26	54	49	45		
W	24 1 56	8 15	16 17	10 36	19	26 27	40	50	45		
Th	25 2 57	9 28	16 5	25 6	23	33 28	25	50	45		
F	26 3 57	10 41	16D15	9 54	27	40 29	11	51	45		
S	27 4 58	11 54	16 25	2 52	31	47 29	57	52	44		
Su	28 5 59	13 6	16 53	9 52	23 35	16 53	0 43	1 53	13 44		
M	29 7 0	14 19	17 22	24 45	39	17 0	1 29	54	43		
T	30 8 0	15 32	18 6	9 24	23 42	17 6	2 15	1 55	13 43		

SIMPLIFIED SCIENTIFIC EPIHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

November, 1920

Full Moon November 26th at 1:42 A. M. in Π $3^{\circ} 31'$

Declination of the Planets

D.	S. T. H. M.	☉ ° S	♀ ° S	♂ ° S	♂ ° N	♂ ° N	♂ ° N	♂ ° S	♂ ° S	♂ ° N
1	14 42	14 25	23 7	23 12	17 45	5 9	7 31	24 42	11 34	16 45
2	46	44	20 23	14 15	13	7	27	38	34	45
3	50 15	3	33 23	14 11	50	5	24	34	34	45
4	54	22	45 23	10 7	49	3	20	29	34	45
5	58	40	56 23	4 3	28	1	17	24	34	45
6	15 2	58	24 6	22 54	08 59	4 59	13	19	34	45
7	15 6	16 16	24 16	22 41	5 20	4 57	7 10	24 14	11 35	16 44
8	9	34	24 22	25 9	22	55	7	9	35	44
9	13	51	33 22	5 12	54	53	3	3	35	44
10	17 17	8	40 21	41 15	46	51	0	23 57	35	44
11	21	25	47 21	13 17	52	49	6 57	50	35	44
12	25	41	53 20	41 19	6	47	54	44	35	44
13	29	57	58 20	7 19	27	45	51	37	35	44
14	15 33	18 13	25 3	19 30	18 55	4 44	6 48	23 30	11 35	16 44
15	37	29	7 18	51 17	33	42	45	23	34	44
16	41	44	10 18	11 15	26	40	42	15	34	44
17	45	59	12 17	31 12	41	38	39	7	34	44
18	49 19	13	14 16	53 9	22	37	36	22 59	34	44
19	53	27	15 16	17 5	37	35	33	51	34	44
20	57	41	15 15	45 1	32	34	30	42	34	44
21	16 1	19 55	25 15	15 18	2 44	4 32	6 28	22 33	11 34	16 44
22	5 20	8	13 14	55 7	0	30	25	24	33	44
23	9	20	11 14	38 11	4	29	22	15	33	44
24	13	33	8 14	26 14	39	28	20	5	33	44
25	17	45	5 14	18 17	25	26	17	21 55	33	44
26	20	56	0 14	16 19	5	25	15	45	33	44
27	24 21	7	24 55	14 18	19 26	23	13	35	32	44
28	16 28	21 18	24 49	14 24	18 25	4 22	6 10	21 25	11 32	16 44
29	32	29	43 14	34 16	9	21	8	14	31	45
30	16 36	21 39	24 36	14 47	12 53	4 20	6 6	21 3	11 31	16 45

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

December, 1920

New Moon December 10th at 10:03 A. M. in \uparrow $18^{\circ} 5'$
Longitude of the Planets

Date	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂
Sign	° \uparrow '	° \downarrow '	° \downarrow '	° \downarrow '	° \downarrow '	° \downarrow '	° \downarrow '	° \downarrow '	° \downarrow '	° \downarrow '
W	1 9	1 16 45	18 50	23 42	23 46	17 12	3 2	1D56	13R42	
Th	2 10	2 17 57	19 46	7m39	50	18	3 48	57	42	
F	3 11	3 19 10	20 41	21 14	53	23	4 34	58	41	
S	4 12	4 20 22	21 45	4=28	57	28	5 20	58	40	
Su	5 13	5 21 35	22 50	17 24	24 0	34	6 7	2 0	39	
M	6 14	6 22 47	24 1	0m 5	3	40	6 53	1	39	
T	7 15	7 24 0	25 12	12 33	24 6	17 45	7 39	2 2	13 38	
W	8 16	8 25 12	26 28	24 50	9	50	8 25	3	37	
Th	9 17	9 26 25	27 45	7 \uparrow 0	12	54	9 12	5	37	
F	10 18	10 27 37	29 5	19 2	15	59	9 58	6	36	
S	11 19	11 28 49	0 \uparrow 26	1 \downarrow 0	17 18	3 10	45	8	35	
Su	12 20	12 0=1	1 49	12 53	20	7 11	31	10	34	
M	13 21	13 1 13	3 12	24 45	22	12 12	18	11	33	
T	14 22	14 2 25	4 37	6=36	24 24	18 16	13 4	2 12	13 32	
W	15 23	15 3 37	6 2	18 29	26	19 13	51	14	32	
Th	16 24	16 4 49	7 29	0 \times 28	28	23 14	37	16	31	
F	17 25	17 6 1	8 56	12 37	31	26 15	24	18	30	
S	18 26	18 7 13	10 24	25 1	33	29 16	10	20	29	
Su	19 27	19 8 24	11 52	7 \uparrow 43	34	32 16	57	22	28	
M	20 28	20 9 36	13 21	20 49	36	35 17	43	24	26	
T	21 29	21 10 47	14 50	4 \times 22	24 37	18 38	18 30	2 26	13 25	
W	22 0 \downarrow 23	11 59	16 20	18 24	38	40 19	16	28	24	
Th	23 1 24	13 10	17 50	2 Π 54	40	42 20	3	30	23	
F	24 2 25	14 21	19 20	17 50	42	44 20	49	32	22	
S	25 3 26	15 32	20 51	3 Σ 3	43	46 21	36	34	21	
Su	26 4 27	16 43	22 22	18 22	44	48 22	23	36	19	
M	27 5 28	17 54	23 54	3 \downarrow 37	45	50 23	10	38	18	
T	28 6 29	19 4	25 26	18 37	24 45	18 51	23 56	2 40	13 17	
W	29 7 30	20 15	26 58	3m 14	46	52 24	43	43	16	
Th	30 8 32	21 25	28 30	17 23	46	53 25	29	45	15	
F	31 9 33	22 36	0 \downarrow 3	1=4	24 47	18 54	26 16	2 47	13 14	

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

December, 1920

Full Moon December 25th at 0:38 P.M. in ϖ $3^{\circ} 27'$

Declination of the Planets

D.	S. T.	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂
H. M.	° S'	° S'	° S'	° N'	° N'	° N'	° S'	° S'	° S'	° N'	
1	16 40	21 48	24 28	15 2	8 56	4 18	6 4	20 52	11 30	16 45	
2	44	57	19	20	4 35	17	2	40	30	45	
3	48	22 6	10	39	0 6	16	0	29	29	45	
4	52	14	0 16	0	4s17	15	5 58	17	29	45	
5	56	22 23 49	22	8 23	14	56	5	28	46		
6	17 0	29	37	45	12 1	13	54	19 53	28	46	
7	17 4	22 36	23 25	17 9	15 3	4 12	5 52	19 40	11 27	16 46	
8	8	43	12	33	17 22	11	51	28	27	46	
9	12	49 22 59	57	18 52	10	49	15	26	47		
0	16	55	45 18	22 19 29	9	47	2	26	47		
1	20	23 0	30	46 19 13	9	46	18 48	25	47		
2	24	5	15 19	10 18 7	8	45	35	25	47		
3	27	9 21 59	34	16 14	7	43	21	24	48		
4	17 31	23 12	21 42	19 57	13 40	4 6	5 42	18 8	11 24	16 48	
5	35	16	25 20	19 10 33	6	41	17 57	23	48		
6	39	19	7	41	6 58	5	40	39	23	48	
7	43	21 20 49 21	3	3 4	5	39	25	22	49		
8	47	23	30	23 1N3	4	38	10	21	49		
9	51	25	11	43 5 14	4	37	16 56	20	49		
0	55	26	19 51 22	2 9 18	3	36	41	20	49		
1	17 59	23 26	19 30	22 20	13 2	4 3	5 35	16 26	11 19	16 50	
2	18 3	26	9	37 16 11	3	34	11	18	50		
3	7	26	18 48	53 18 24	2	34	15 55	17	50		
4	11	25	26 23	8 19 26	2	33	40	16	50		
5	15	24	3	21 19 6	2	33	24	16	51		
6	19	22 17 40	34	17 22	2	32	8	15	51		
7	23	20	17	46 14 25	2	32	14 52	14	52		
8	18 27	23 17	16 53	23 56	10 34	4 2	5 32	14 36	11 13	16 52	
9	31	14	29 24	5 6 11	2	31	20	12	53		
0	34	10	4	13 1 34	2	31	4	11	53		
1	18 38	23 6	15 40	24 20	2s58	4 2	5 31	13 47	11 10	16 53	

TABLE OF PROPORTIONAL LOGARITHMS

Hours or Degrees

Min.	0	1	2	3	4	5	6	7	8	9	10	11
0	3.1584	1.3802	1.0792	9031	7781	6812	6021	5351	4771	4260	3802	3388
1	3.1584	.3730	.0756	07	63	6798	09	41	62	52	3795	82
2	2.8573	.3660	.0720	8983	45	84	5997	30	53	44	88	75
3	.6812	.3590	.0685	59	28	69	85	20	44	36	80	68
4	.5563	.3522	.0649	8935	10	55	73	10	35	28	74	62
5	2.4594	1.3454	1.0614	8912	7692	6741	5961	5300	4726	4220	3766	3355
6	.3802	.3388	.0580	8388	74	26	49	5289	17	12	59	49
7	.3133	.3323	.0546	65	57	12	37	79	08	04	52	42
8	.2553	.3258	.0511	42	39	6698	25	69	4699	4196	45	36
9	.2041	.3195	.0478	19	22	84	13	59	.90	88	38	29
10	2.1584	1.3133	1.0444	8796	7604	6670	5902	5249	4682	4180	3730	3323
11	.1170	.3071	.0411	73	7587	56	5890	39	73	72	23	16
12	.0792	.3010	.0378	51	70	42	78	29	64	64	16	10
13	.0444	.2950	.0345	28	52	28	66	19	55	56	09	03
14	.0122	.2891	.0313	06	35	14	55	09	46	49	02	3297
15	1.9823	1.2833	1.0280	8683	7518	6600	5843	5199	4638	4141	3695	3291
16	.9542	.2775	.0248	61	01	6587	32	89	29	33	88	84
17	.9279	.2719	.0216	39	7484	73	20	79	20	25	81	78
18	.9031	.2663	.0185	17	67	59	09	69	11	17	74	71
19	.8796	.2607	.0153	8595	51	46	5797	59	03	09	67	65
20	1.8573	1.2553	1.0122	8573	7434	6532	5786	5149	4594	4102	3660	3258
21	.8361	.2499	.0091	52	17	19	74	39	85	4094	53	52
22	.8159	.2445	.0061	30	01	05	63	29	77	86	46	46
23	.7966	.2393	.0030	09	7384	6493	52	20	68	79	39	39
24	.7781	.2341	1.0000	8487	68	78	40	10	59	71	32	33
25	1.7604	1.2289	.9970	8466	7351	6465	5729	5100	4551	4063	3625	3227
26	.7434	.2239	.9940	45	35	51	18	5090	42	55	18	20
27	.7270	.2188	.9910	24	18	38	06	81	34	48	17	14
28	.7112	.2139	.9881	03	02	25	5695	71	25	40	04	08
29	.6960	.2090	.9852	8382	7286	12	84	61	16	32	3597	01
30	1.6812	1.2041	.9823	8361	7270	6398	5673	5051	4508	4025	3590	3195
31	.6670	.1993	.9794	41	54	85	62	42	4498	17	83	89
32	.6532	.1946	.9765	21	38	72	51	32	91	10	77	83
33	.6398	.1899	.9737	00	22	59	40	23	82	02	70	76
34	.6269	.1852	.9708	8279	06	46	29	13	74	8995	63	70
35	1.6143	1.1806	.9680	8259	7190	6333	5618	5003	4466	3982	3555	3164
36	.6021	.1761	.9652	39	74	20	07	4994	57	79	49	57
37	.5902	.1716	.9625	19	59	07	5596	84	49	72	42	51
38	.5786	.1671	.9597	8199	43	6294	85	78	40	64	35	45
39	.5673	.1627	.9570	79	28	82	74	65	32	57	29	39
40	1.5563	1.1584	.9542	8159	7112	6269	5563	4956	4424	3949	3522	3133
41	.5456	.1540	.9515	40	7097	56	52	47	15	42	15	26
42	.5351	.1498	.9488	20	81	43	41	37	07	34	08	20
43	.5249	.1455	.9462	01	66	31	31	28	4399	27	01	14
44	.5149	.1413	.9435	8081	50	18	20	18	90	19	3495	08
45	1.5051	1.1372	.9409	8062	7035	6205	5509	4909	4382	3912	3488	3102
46	.4956	.1331	.9383	43	20	6193	5498	00	74	05	81	3096
47	.4863	.1290	.9356	23	05	80	88	4890	65	3897	75	89
48	.4771	.1249	.9330	04	6990	68	77	81	57	90	68	83
49	.4682	.1209	.9305	7985	75	55	66	72	49	82	61	77
50	1.4594	1.1170	.9279	7966	6960	6143	5456	4863	4341	3875	3455	3071
51	.4508	.1130	.9254	47	45	31	45	53	33	68	48	65
52	.4424	.1091	.9228	29	30	18	35	44	24	60	41	59
53	.4341	.1053	.9203	10	15	06	24	35	16	53	35	53
54	.4260	.1015	.9178	7891	00	6094	14	25	08	46	28	47
55	1.4180	1.0977	.9153	7873	6885	6081	5403	4817	4300	3838	3421	3041
56	.4102	.0939	.9128	54	71	69	5393	08	4292	31	15	36
57	.4025	.0902	.9104	36	56	57	82	4799	84	24	08	28
58	.3949	.0865	.9079	18	41	45	72	89	76	17	01	22
59	.3875	.0828	.9055	00	27	33	61	80	68	09	3395	16

TABLE OF PROPORTIONAL LOGARITHMS

Hours or Degrees

Min.	12	13	14	15	16	17	18	19	20	21	22	23
0	3010	2663	2341	2041	1761	1498	1249	1015	0792	0580	0378	0185
1	04	57	53	36	56	93	45	11	88	77	75	82
2	2998	52	30	32	52	89	41	07	85	73	71	79
3	92	46	25	27	47	85	37	03	81	70	68	75
4	86	41	20	22	43	81	34	0999	77	66	64	72
5	2980	2635	2315	2017	1738	1476	1229	0996	0774	0563	0361	0169
6	74	29	10	12	34	72	25	92	70	59	58	66
7	68	24	05	08	29	68	21	88	66	56	55	63
8	62	18	00	03	25	64	17	84	63	52	52	60
9	56	13	2295	1998	20	60	13	80	59	49	48	57
10	2950	2607	89	1995	1716	1455	1209	0977	0756	0546	0345	0153
11	45	02	84	89	11	51	05	73	52	42	42	50
12	38	2596	79	84	07	47	01	69	49	39	39	47
13	33	91	74	79	02	43	1197	65	45	35	35	44
14	27	85	69	74	1698	38	93	62	42	32	32	41
15	2921	2580	2264	1969	1694	1434	1189	0963	0738	0529	0329	0138
16	15	75	59	65	89	30	85	54	34	25	26	35
17	09	69	54	60	85	26	82	50	31	22	22	32
18	03	64	49	55	80	22	78	47	27	18	19	29
19	2897	58	44	50	76	17	74	43	24	15	16	25
20	2891	2553	2239	1946	1671	1413	1170	0939	0720	0511	0313	0122
21	85	47	34	41	67	09	66	35	17	08	09	19
22	80	42	29	36	63	05	62	32	13	05	06	16
23	74	36	23	32	58	01	58	28	09	01	03	13
24	68	31	18	27	54	1397	64	24	05	0498	09	10
25	2862	2526	2213	1922	1649	1393	1150	0920	0702	0492	0295	0107
26	56	20	08	17	45	83	46	17	0699	91	92	04
27	50	15	03	13	40	84	42	13	95	85	90	01
28	45	09	2198	08	36	86	58	09	92	85	87	0088
29	39	04	93	03	32	76	34	03	85	81	83	94
30	2833	2499	2188	1899	1627	1372	1130	0902	0685	0479	0280	0091
31	27	93	83	94	23	68	26	0398	81	73	77	88
32	21	88	78	90	19	63	23	94	79	71	74	85
33	16	83	73	85	14	59	19	91	74	69	72	82
34	10	77	68	80	10	55	15	87	70	64	68	79
35	2804	2472	2164	1875	1605	1351	1111	0883	0667	0461	0264	0076
36	2798	67	59	71	01	47	07	80	64	58	61	73
37	93	61	54	65	1597	43	03	76	60	54	58	70
38	87	56	49	62	92	39	1099	72	55	50	55	67
39	81	51	44	57	88	35	95	68	53	48	51	64
40	2775	2445	2139	1852	1584	1331	1092	0865	0649	0444	0246	0061
41	70	40	34	48	79	27	88	61	46	41	45	58
42	64	35	29	43	75	22	84	57	42	37	42	55
43	58	30	24	38	71	18	80	54	39	34	39	52
44	53	24	19	34	66	14	76	50	35	31	35	48
45	2747	2419	2114	1829	1562	1316	1072	0846	0632	0428	0232	0045
46	41	14	09	25	58	05	68	43	29	24	29	42
47	36	09	04	20	53	02	64	39	25	21	26	39
48	30	03	2095	16	48	1298	61	35	21	18	23	36
49	24	2398	2095	11	45	94	57	32	18	14	20	33
50	2719	2393	2090	1896	1540	1290	1053	0828	0614	0411	0216	0030
51	13	88	85	02	36	86	49	24	11	08	13	27
52	07	82	80	1797	32	82	45	21	08	04	10	24
53	02	77	75	93	28	78	41	17	04	01	07	21
54	2696	72	70	88	23	74	37	14	01	0398	04	18
55	2691	2367	2065	1784	1519	1270	1034	0810	0597	0394	0201	0016
56	85	62	61	79	15	66	30	06	94	91	0197	12
57	79	56	56	74	10	61	26	03	90	88	94	09
58	74	51	51	70	06	57	22	0796	87	84	91	06
59	68	46	46	65	02	53	18	50	33	31	33	03

MYSTERY OF THE DUCTLESS GLANDS

By A STUDENT

In developing this fascinating subject the writer has delved deeply into the esoteric information in Max Heindel's writings and has also presented authentic physiological data as taught by Medical Science.

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85 Pages

Art Paper Cover

* * *

THE ROSICRUCIAN FELLOWSHIP
Oceanside, California, U.S.A.

EPHEMERIS OF PLUTO FOR 1921

Date	Long.	Dec.	Date	Long.	Dec.
January 9	7° 53' 37"R	19° N 41'	July 8	8° 53' 35'	19° N 57'
February 8	7° 53' 5'	19° N 45'	August 7	9° 53' 17'	19° N 55'
March 10	6° 53' 47'	19° N 50'	September 6	9° 53' 49'	19° N 53'
April 9	6° 53' 41'	19° N 54'	October 6	10° 53' 4'	19° N 52'
May 9	7° 53' 14"D	19° N 57'	November 5	9° 53' 55"R	19° N 51'
June 8	7° 53' 51'	19° N 58'	December 5	9° 53' 29'	19° N 54'

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THE ROSICRUCIAN FELLOWSHIP

Oceanside, California, U.S.A.

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

JANUARY, 1921

New Moon January 9th, 5:26 A. M., in ♊ $18^{\circ} 26'$

Longitude of the Planets

Day	☉ ♈	♀ ♍	♂ ♊	♂ ♋	♂ ♌	♂ ♍	♂ ♎	♂ ♏	♂ ♐	♂ ♑	♂ ♒
S	1 10 34	23 46	1 34	14 17	24 47	18 54	27 02	2 50	13R08	2 5	
Su	2 11 35	24 56	3 10	27 08	48	55	27 49	52	10	5	
M	3 12 36	26 06	4 44	9♎39	48	55	28 36	55	08	5	
T	4 13 37	27 16	6 18	21 56	48	55	29 22	57	07	5	
W	5 14 39	28 26	7 53	4 ♄ 02	R48	R54	0♋09	59	06	4	
Th	6 15 40	29 36	9 27	16 01	48	54	0 56	3 02	05	4	
F	7 16 41	0♋45	11 03	27 56	24 47	18 53	1 43	3 05	13 04	2 3	
S	8 17 42	1 54	12 38	9♈49	47	53	2 29	08	02	3	
Su	9 18 43	3 04	14 14	21 41	46	52	3 16	10	01	3	
M	10 19 44	4 13	15 50	3♎33	46	51	4 02	13	12 59	2	
T	11 20 46	5 22	17 28	15 27	45	49	4 49	16	58	2	
W	12 21 47	6 30	19 05	27 25	44	48	5 35	18	56	2	
Th	13 22 48	7 39	20 43	9♋28	43	46	6 22	21	55	2	
F	14 23 49	8 47	22 21	21 39	24 42	18 44	7 08	3 24	12 53	2	
S	15 24 50	9 58	24 01	4♎01	41	42	7 55	27	51	2	
Su	16 25 51	11 08	25 40	16 40	40	39	8 41	30	49	2	
M	17 26 52	12 14	27 20	29 38	39	36	9 28	33	47	0	
T	18 27 53	13 19	29 00	13♎00	37	34	10 14	36	46	0	
W	19 28 54	14 26	0♎41	26 50	36	31	11 01	39	45	0	
Th	20 29 55	15 33	2 23	11♐08	34	28	11 47	42	43	1	
F	21 0♎57	16 40	4 05	25 53	24 32	18 24	12 34	3 45	12 41	1	
S	22 1 58	17 47	5 47	10♊59	30	21	13 20	48	40	1	
Su	23 2 59	18 54	7 31	26 19	28	18	14 06	51	38	1	
M	24 4 00	20 00	9 14	11♑40	26	14	14 52	54	37	1	
T	25 5 01	21 06	10 58	26 50	24	10	15 39	57	35	1	
W	26 6 01	22 11	12 42	11♎40	22	06	16 25	4 00	33	3	
Th	27 7 02	23 17	14 27	26 02	19	01	17 11	03	32	3	
F	28 8 03	24 22	16 12	9♌54	24 17	17 57	17 57	4 06	12 30	1	
S	29 9 04	25 27	17 58	23 16	15	53	18 44	10	28	1	
Su	30 10 05	26 31	19 43	6♎11	12	48	19 30	13	26	1	
M	31 11 06	27 35	21 28	18 44	10	43	20 17	16	24	1	

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

JANUARY, 1921

Full Moon January 23rd, 11:07 P. M., in Ω $3^{\circ} 27'$

Declination of the Planets

Day	S. T.	☉ S	♀ S	♂ S	♂ S	♂ S	♂ S	♂ S	♂ S	♂ S	♂ S	♂ S
		H. M.	° '	° '	° '	° '	° '	° '	° '	° '	° '	° '
S	1	18 42	23 02	15 14	24 25	7 14	4 02	5 31	13 31	11 10	16 54	
Su	2		46 22	57 14	48 24	29 11	02 02		31 14		09 54	
M	3		50	51 14	22 24	32 14	15 02		32 12		57 08	55
T	4		54	45 13	56 24	33 16	45 02		32 40		07 55	
W	5		58	39 13	29 24	34 18	29 03		32 23		06 55	
Th	6	19 02		32 13	02 24	32 19	21 03		33 06		05 56	
F	7	19 06	22 24	12 35	24 29	19 22	4 03	5 33	11 48	11 04	16 56	
S	8		10	17 12	07 24	25 18	31 04		34 31		03 57	
Su	9		14	08 11	39 24	20 16	52 04		34 13		02 57	
M	10		18	00 11	11 24	13 14	30 05		35 10		56 01	58
T	11		22 21	51 10	43 24	04 11	32 05		36 38		00 58	
W	12		26	41 10	14 23	54 8	06 06		37 20	10 59	59 59	
Th	13		30	31 9	45 23	43 4	18 06		38 02		58 59	
F	14	19 34	21 21	9 16	23 30	0N18	4 07	5 39	9 45	10 57	17 00	
S	15		38	10 8	47 23	16 3	48 08		40 26		56 00	
Su	16		42 20	59 8	18 23	00 7	48 09		41 08		55 01	
M	17		45	47 7	48 22	42 11	34 09		42 8	50 54	01 01	
T	18		49	36 7	18 22	23 14	51 10		43 32		53 01	
W	19		53	23 6	49 22	02 17	25 11		45 14		52 02	
Th	20		57	10 6	19 21	40 18	59 12		46 7	55 51	02 02	
F	21	20 01	19 57	5 48	21 17	19 20	4 13	5 48	7 37	10 50	17 03	
S	22		05		44 5	18 20	51 14		49 18		48 03	
Su	23		09		30 4	48 20	24 16		51 00		47 03	
M	24		13		16 4	18 19	56 12		53 6	41 46	04 04	
T	25		17		01 3	47 19	26 8		55 23		45 04	
W	26		21 18	46 3	17 18	55 3	39 18		56 04		44 05	
Th	27		25		31 2	46 18	22 1s05		58 5	45 43	05 05	
F	28	20 29	18 16	2 16	17 47	5 36	4 21	6 00	5 26	10 42	17 06	
S	29		33		00 1	45 17	11 9	41 22		02 08	41 06	
Su	30		37 17	44 1	14 16	34 13	09 23		04 4	49 39	07 07	
M	31		41		27 0	44 15	56 15	55 24		07 30	38 08	

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

FEBRUARY, 1921

New Moon February 8th, 0:36 A. M., in ♊ 18° 44'
Longitude of the Planets

Day	☉ ♈	♀ ♋	♂ ♊	♄ ♈	♅ ♉	♆ ♊	♇ ♋	♈ ♋	♉ ♌	♊ ♍
T	1 12 07	28 39	23 14	0 59	24 ^R 06	17 ^R 38	21 02	4 19	12 ^R 22	1 20
W	2 13 08	29 13	24 59	13 01	03	33	21 48	21	20	17
Th	3 14 09	0 ♄ 46	26 43	24 56	00	27	22 34	26	19	14
F	4 15 10	1 49	28 26	6 ♄ 48	23 57	21	23 20	30	18	11
S	5 16 10	2 52	0 ♋ 08	18 38	54	16	24 06	34	16	07
Su	6 17 11	3 54	1 48	0 ♊ 30	51	10	24 52	39	14	04
M	7 18 12	4 56	3 28	12 26	23 47	17 04	25 38	4 39	12 13	1 00
T	8 19 13	5 57	5 03	24 26	43	16 57	26 24	42	12	0 57
W	9 20 14	6 58	6 38	6 ♋ 32	40	51	27 10	46	10	54
Th	10 21 14	7 58	8 06	18 45	36	45	27 56	49	08	51
F	11 22 15	8 59	9 34	1 ♄ 06	33	38	28 42	53	06	48
S	12 23 16	9 59	10 53	13 38	29	31	29 28	57	05	45
Su	13 24 16	10 59	12 11	26 22	26	25 0 ♄ 13	5 00	03		42
M	14 25 17	11 58	13 18	9 ♋ 22	23 22	16 18	0 59	5 03	12 01	0 38
T	15 26 18	12 56	14 24	22 41	18	11 1 45	06	11 59		35
W	16 27 18	13 49	15 16	6 ♌ 22	14	04 2 31	10	58		32
Th	17 28 19	14 51	16 07	20 26	10	15 57 3 16	13	56		29
F	18 29 19	15 47	16 41	4 ♌ 53	06	50 4 02	17	54		26
S	19 0 ♋ 20	16 44	17 15	19 39	03	43 4 47	20	53		22
Su	20 1 20	17 39	17 30	4 ♌ 40	00	35 5 33	24	52		18
M	21 2 21	18 34	17 44	19 45	22 53	15 28 6 18	5 27	11 50	0 15	
T	22 3 21	19 28	17 ^R 39	4 ♍ 46	49	21 7 04	30	48	12	
W	23 4 21	20 22	17 34	19 33	44	13 7 49	34	47	09	
Th	24 5 22	21 15	17 09	3 ♍ 57	40	06 8 35	38	45	06	
F	25 6 22	22 07	16 44	17 55	36	14 58 9 20	41	44	03	
S	26 7 22	22 59	16 03	1 ♎ 24	31	50 10 05	45	42	29 59	
Su	27 8 22	23 50	15 22	14 27	27	42 10 50	48	41	♌ 56	
M	28 9 23	24 40	14 38	27 05	22 20	14 35 11 35	5 50	11 40	29 53	

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

FEBRUARY, 1921

Full Moon February 22nd, 9:32 A. M., in $\text{mq } 3^{\circ} 15'$

Declination of the Planets

Day	S. T.		☉ S	♀ S	♂ S	♂ S	♂ N	♂ N	♂ S	♂ S	♂ N				
	H.	M.	°	'	°	'	°	'	°	'	°	'			
1	20	45	17	10	0	13	15	16	17	54	4	26			
V	2	49	16	53	0 _N 17	14	35	19	01	27	11	3	52		
Th	3	52	16	36	0	48	13	53	19	17	28	13	33		
	4	56	16	18	1	18	13	09	18	41	30	16	14		
	5	21	00	00	1	48	12	25	17	18	31	18	2	55	
u	6	04	15	41	2	19	11	41	15	09	33	21	36		
	7	21	08	15	23	2	49	10	56	12	23	4	34		
	8	12	15	04	3	19	10	10	9	05	36	6	23		
V	9	16	14	45	3	49	9	25	5	23	37	26	1	59	
h	10	20	14	26	4	19	8	40	1	25	39	28	40		
	11	24	14	06	4	48	7	56	2 _N 38	41	34	31	21		
	12	28	13	46	5	18	7	12	6	39	42	37	0	43	
u	13	32	13	26	5	47	6	30	10	25	44	39	24		
	14	21	36	13	06	6	16	5	50	13	46	4	46		
	15	40	12	46	6	45	5	12	16	29	47	6	42		
V	16	44	12	25	7	14	4	36	18	21	49	45	0	00	
h	17	48	12	04	7	43	4	03	19	09	51	48	33	10	20
	18	52	11	43	8	11	3	34	18	44	51	51	52	19	15
	19	56	11	22	8	39	3	08	17	03	53	54	1	10	16
u	20	22	00	11	00	9	07	2	47	14	12	55	57	29	17
	21	22	03	10	39	9	35	2	29	10	23	56	7	00	48
	22	07	10	17	10	02	2	17	5	56	5	00	06	25	12
	23	11	9	55	10	29	2	09	1	11	02	09	44	10	11
	24	15	9	33	10	56	2	06	3 _s 31	04	12	3	03	17	18
	25	19	9	11	11	22	2	09	7	50	06	15	21	09	19
	26	23	8	49	11	48	2	16	11	42	08	18	40	07	20
u	27	27	8	26	12	14	2	27	14	49	09	21	58	05	20
	28	22	31	8	04	12	39	2	43	17	06	5	11	04	20
	29	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	30	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	31	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	32	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	33	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	34	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	35	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	36	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	37	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	38	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	39	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	40	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	41	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	42	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	43	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	44	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	45	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	46	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	47	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	48	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	49	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	50	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	51	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	52	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	53	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	54	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	55	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	56	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	57	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	58	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	59	22	31	8	04	12	39	2	43	17	06	5	11	7	24
	60	22	31	8	04	12	39	2	43	17	06	5	11	7	24

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich
MARCH, 1921

New Moon March 9th, 6:09 P. M., in ♋ 18° 39'
Longitude of the Planets

Day	☉ ♈	♀ ♀	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈
T	1 10 23	25 29	13R34	9 25	22R27	14R27	12 20	5 53	11R39	29 50
W	2 11 23	26 17	12 33	21 30	12	19	13 05	57	37	47
Th	3 12 23	27 05	11 33	3V526	08	11	13 50	6 01	35	44
F	4 13 23	27 52	10 31	15 18	03	03	14 36	04	34	41
S	5 14 23	28 37	9 36	27 09	21 59	13 55	15 21	08	32	38
Su	6 15 23	29 21	8 42	9♂03	54	47	16 06	12	31	35
M	7 16 24	0 8 05	7 55	21 03	21 49	13 40	16 50	6 15	11 30	29 32
T	8 17 24	0 47	7 07	3♈11	44	32	17 35	19	29	29
W	9 18 24	1 29	6 27	15 28	40	24	18 20	22	27	26
Th	10 19 23	2 09	5 47	27 55	35	16	19 05	26	26	23
F	11 20 23	2 48	5 15	10♀33	30	08	19 50	29	25	19
S	12 21 23	3 26	4 18	23 23	26	00	20 35	32	24	15
Su	13 22 23	4 03	3 54	6 8 24	21 12	53	21 19	36	22	12
M	14 23 23	4 38	3 42	19 39	21 16	12 45	22 04	6 39	11 21	29 09
T	15 24 23	5 12	3♂31	3♈07	11	38	22 48	42	20	05
W	16 25 22	5 44	3 01	16 50	06	30	23 33	45	19	02
Th	17 26 22	6 15	3 32	0♂49	02	23	24 17	49	18	28 59
F	18 27 22	6 44	3 45	15 02	00	15	25 02	52	17	56
S	19 28 21	7 12	3 57	29 28	20 53	08	25 46	55	16	53
Su	20 29 21	7 37	4 20	14♂03	48	01	26 30	58	15	50
M	21 0 21	8 02	4 42	28 42	20 43	11 54	27 14	7 01	11 14	28 47
T	22 1 20	8 24	5 14	13♂17	38	47	27 59	05	13	43
W	23 2 20	8 45	5 46	27 43	34	40	28 43	08	12	40
Th	24 3 19	9 03	6 26	11♂53	29	33	29 27	11	11	37
F	25 4 18	9 21	7 06	25 43	25	26	0 8 11	15	10	33
S	26 5 18	9 35	7 54	9♂10	19	20	0 55	18	09	30
Su	27 6 17	9 48	8 41	22 15	16	13	1 39	21	08	27
M	28 7 16	9 57	9 35	4 ♀ 05	20 11	11 06	2 23	7 24	11 07	28 24
T	29 8 16	10 06	10 29	17 21	07	00	3 07	27	06	21
W	30 9 15	10 11	11 29	29 31	03	10 06	3 51	30	05	18
Th	31 10 14	10 15	12 29	11♂30	19 58	48	4 34	33	05	1

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

MARCH, 1921

Full Moon March 23rd, 8:18 P. M., in $\approx 2^{\circ} 40'$

Declination of the Planets

Day	S. T.	☉ S	♀ N	♂ S	♂ S	♂ N	♂ N	♂ N	♂ S	♂ S	♂ N
T	1	H. 22 35	7 41	13 04	3 02	18 32	5 13	7 27	4 35	10 02	17 21
W	2	39	7 18	13 29	3 25	19 04	15	30	53	01	21
Th	3	43	6 55	13 53	3 50	18 44	17	33	5 11	9 59	22
F	4	47	6 32	14 17	4 18	17 36	19	36	29	57	22
S	5	51	6 09	14 41	4 46	15 42	21	40	47	56	22
Su	6	55	5 46	15 04	5 16	13 08	23	43	6 05	55	23
M	7	22 59	5 22	15 26	5 45	10 00	5 25	7 46	6 23	9 54	17 23
T	8	23 03	4 59	15 49	6 14	6 25	27	49	41	53	23
W	9	07	4 36	16 10	6 43	2 32	29	52	59	51	24
Th	10	10	4 12	16 31	7 09	1N31	31	55	7 16	50	24
F	11	14	3 49	16 52	7 35	5 34	33	58	34	49	25
S	12	18	3 25	17 12	7 58	9 26	35	8 01	52	48	25
Su	13	22	3 01	17 32	8 19	12 54	37	04	8 09	47	25
M	14	23 26	2 38	17 51	8 38	15 45	5 38	8 07	8 26	9 46	17 25
T	15	30	2 14	18 09	8 55	17 48	40	10	44	44	26
W	16	34	1 50	18 27	9 10	18 51	42	12	9 01	43	26
Th	17	38	1 27	18 44	9 22	18 47	44	15	18	42	26
F	18	42	1 03	19 01	9 31	17 32	46	18	35	40	27
S	19	46	0 39	19 17	9 39	15 10	48	21	52	39	27
Su	20	50	0 16	19 32	9 44	11 50	50	24	10 08	38	28
M	21	23 54	0N08	19 46	9 47	7 45	5 52	8 26	10 25	9 37	17 28
T	22	58	0 32	20 00	9 48	3 13	53	29	41	36	28
W	23	0 02	0 55	20 13	9 46	1s28	55	32	58	35	29
Th	24	06	1 19	20 25	9 43	5 59	57	34	11 14	34	29
F	25	10	1 43	20 36	9 38	10 04	59	37	30	33	29
S	26	14	2 06	20 47	9 30	13 31	6 01	39	46	32	29
Su	27	17	2 30	20 56	9 21	16 11	02	42	12 02	30	30
M	28	0 21	2 53	21 04	9 10	17 58	6 04	8 44	12 18	9 28	17 30
W	30	29	3 40	21 18	8 43	18 47	08	49	49	26	30
T	29	25	3 17	21 12	8 57	18 50	06	46	34	27	30
Th	31	33	4 03	21 24	8 26	17 54	09	51	13 05	25	30

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

APRIL, 1921

Eclipse New Moon April 8th, 9:05 A.M. γ 18° 0'
Longitude of the Planets

Day	☉ γ	♀ δ	♂ κ	♂ ν	♂ μ	♂ μ	♂ δ	♂ κ	♂ ψ	♂ Ω
F	1 11 13	10 15	13 34	23 23	19 54	10 42	5 18	7 36	11 04	28 12
S	2 12 13	10 15	14 39	5 16	50	36	6 02	39	04	09
Su	3 13 12	10 10	15 49	17 12	45	30	6 46	42	04	05
M	4 14 11	10 05	16 59	29 15	41	25	7 29	45	03	02
T	5 15 10	9 56	18 13	11 29	37	19	8 13	48	03	27 59
W	6 16 09	9 46	19 27	23 56	33	14	8 56	50	02	56
Th	7 17 08	9 31	20 46	6 38	19 30	10 09	9 40	7 53	11 02	27 53
F	8 18 07	9 16	22 04	19 34	26	04	10 23	56	01	50
S	9 19 06	8 56	23 26	2 46	22	00	11 06	58	01	46
Su	10 20 05	8 37	24 48	16 12	18	9 55	11 49	8 01	01	43
M	11 21 04	8 13	26 13	29 51	14	50	12 33	04	00	46
T	12 22 02	7 49	27 39	13 41	11	46	13 16	07	10 59	37
W	13 23 01	7 21	29 09	27 40	07	42	13 59	10	59	34
Th	14 24 0	6 53	0 38	11 47	19 04	9 38	14 42	8 12	10 59	27 31
F	15 24 59	6 21	2 11	25 58	00	35	15 25	15	59	28
S	16 25 57	5 49	3 43	10 13	18 57	31	16 08	18	58	25
Su	17 26 56	5 14	5 19	24 27	54	27	16 51	20	58	21
M	18 27 55	4 40	6 55	8 39	51	24	17 34	23	58	18
T	19 28 53	4 03	8 34	22 46	48	21	18 19	25	58	15
W	20 29 52	3 26	10 13	6 43	45	18	19 00	28	58	11
Th	21 0 50	2 48	11 56	20 28	18 42	9 15	19 43	8 30	10 58	27 08
F	22 1 49	2 11	13 38	3 58	39	13	20 25	33	58	05
S	23 2 47	1 33	15 24	17 12	36	10	21 08	35	58	02
Su	24 3 46	0 55	17 10	0 08	33	08	21 51	37	58	26 59
M	25 4 44	0 18	19 00	12 47	30	06	22 34	40	58	56
T	26 5 42	29 41	20 49	25 11	28	04	23 16	42	58	53
W	27 6 41	29 06	22 42	7 21	26	02	23 59	44	58	50
Th	28 7 39	28 31	24 34	19 22	18 24	9 01	24 41	8 46	10 58	26 47
F	29 8 37	27 59	26 31	1 16	21	00	25 23	49	58	44
S	30 9 35	27 27	28 27	13 10	19	8 59	26 05	52	58	46

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

APRIL, 1921

Eclipse Full Moon April 22nd, 7:49 A. M., m $1^{\circ} 39'$

Declination of the Planets

Day	S. T.	☉ N	♀ N	♂ S	♂ S	♂ N	♂ N	♂ N	♂ N	♂ S	♂ N
		H. M.	° '	° '	° '	° '	° '	° '	° '	° '	° '
F	1	0 37	4 26	21 28	8 09	16 15	6 11	8 53	13 20	9 24	17 31
S	2	41	4 49	21 31	7 49	13 54	12	55	35	23	31
Su	3	45	5 13	21 33	7 28	10 58	14	57	50	22	31
M	4	49	5 35	21 33	7 06	7 33	16	59	14 05	21	31
T	5	53	5 59	21 32	6 42	3 46	17	9 01	20	20	31
W	6	57	6 21	21 30	6 17	0N15	19	03	35	19	31
Th	7	1 01	6 44	21 27	5 50	4 20	6 20	9 05	14 49	9 18	17 31
F	8	05	7 06	21 22	5 22	8 18	22	07	15 03	17	32
S	9	09	7 29	21 16	4 53	11 57	23	08	17	16	32
Su	10	13	7 51	21 09	4 22	15 02	24	10	31	15	32
M	11	17	8 13	21 00	3 50	17 20	26	11	45	14	32
T	12	21	8 35	20 49	3 17	18 38	27	13	59	13	32
W	13	25	8 57	20 37	2 43	18 49	28	14	16 13	12	32
Th	14	1 28	9 19	20 24	2 08	17 51	6 30	9 16	16 26	9 11	17 32
F	15	32	9 40	20 09	1 31	15 46	31	17	39	10	32
S	16	36	10 02	19 53	0 54	12 44	32	18	52	09	32
Su	17	40	10 23	19 36	0 15	8 56	33	19	17 05	08	32
M	18	44	10 44	19 17	0N25	4 39	34	20	18	07	33
T	19	48	11 05	18 58	1 06	0s07	36	21	31	06	33
W	20	52	11 25	18 37	1 47	4 22	37	23	43	05	33
Th	21	1 56	11 46	18 15	2 30	8 34	6 38	9 23	17 55	9 05	17 33
F	22	2 00	12 06	17 53	3 14	12 15	39	24	18 07	04	33
S	23	04	12 26	17 29	3 58	15 14	40	25	19	03	33
Su	24	08	12 46	17 05	4 43	17 22	41	26	31	02	33
M	25	12	13 06	16 41	5 29	18 35	41	26	42	01	33
T	26	16	13 26	16 17	6 16	18 53	42	27	54	00	33
W	27	20	13 45	15 52	7 03	18 17	43	27	19 05	00	33
Th	28	2 24	14 04	15 27	7 51	16 53	6 44	9 28	19 16	8 59	17 33
F	29	28	14 23	15 03	8 40	14 45	45	28	27	59	33
S	30	32	14 41	14 38	9 29	12 01	45	28	37	58	32

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

MAY, 1921

New Moon May 7th, 9:01 P. M., δ $16^{\circ} 44'$

Longitude of the Planets

Day	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
Su	1 10 34	27 ^R 59	0 26	25 06	18 ^R 17	8 ^R 58	26 48	8 53	10 59	26 37	
M	2 11 32	26 30	2 26	7 [♂] 10	16	57	27 30	55	11 00	34	
T	3 12 30	26 05	4 29	19 27	14	57	28 12	57	00	31	
W	4 13 28	25 40	6 31	1 [♀] 59	12	56	28 54	59	00	28	
Th	5 14 26	25 20	8 36	14 50	11	56	29 37	9 00	00	24	
F	6 15 24	25 00	10 42	28 02	09	56	0 ^{II} 19	02	01	21	
S	7 16 22	24 44	12 51	11 [♂] 34	18 07	8 56	1 01	9 04	11 01	26 18	
Su	8 17 20	24 28	14 59	25 24	06	56	1 43	06	02	15	
M	9 18 18	24 17	17 09	9 ^{II} 31	05	^D 57	2 25	08	02	11	
T	10 19 16	24 07	19 18	23 49	04	58	3 06	09	03	08	
W	11 20 14	24 01	21 29	8 [♂] 13	03	59	3 48	10	03	03	
Th	12 21 12	23 55	23 40	22 38	02	9 00	4 30	12	04	01	
F	13 22 10	23 53	25 51	7 [♂] 00	01	01	5 12	13	05	25 58	
S	14 23 08	23 52	28 01	21 15	18 00	9 02	5 54	9 15	11 06	25 54	
Su	15 24 06	23 ^D 55	0 ^{II} 11	5 [♂] 21	00	04	6 36	17	06	51	
M	16 25 04	23 59	2 20	19 15	17 59	06	7 17	19	07	48	
T	17 26 02	24 07	4 27	2 [♂] 58	59	08	7 59	20	08	45	
W	18 26 59	24 15	6 34	16 29	59	10	8 40	21	09	42	
Th	19 27 57	24 27	8 38	29 48	59	12	9 22	23	10	39	
F	20 28 55	24 39	10 42	12 [♂] 55	58	15	10 03	24	11	36	
S	21 29 52	24 55	12 42	25 49	17 58	9 17	10 45	9 25	11 12	25 33	
Su	22 0 ^{II} 50	25 11	14 41	8 [♂] 30	^D 58	20	11 26	26	13	29	
M	23 1 48	25 31	16 36	20 59	59	23	12 07	27	14	26	
T	24 2 45	25 51	18 30	3 [♂] 16	59	26	12 48	28	15	23	
W	25 3 43	26 15	20 20	15 23	59	29	13 29	29	16	19	
Th	26 4 41	26 38	22 09	27 22	18 00	33	14 10	30	17	16	
F	27 5 38	27 05	23 53	9 [♂] 16	00	37	14 52	31	18	13	
S	28 6 36	27 32	25 37	21 09	18 01	9 41	15 33	9 32	11 19	25 10	
Su	29 7 33	28 02	27 15	3 [♂] 04	02	45	16 14	32	21	07	
M	30 8 31	28 31	28 53	15 07	03	49	16 55	33	22	04	
T	31 9 28	29 04	0 [♂] 27	27 22	04	54	17 36	33	23	01	

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

MAY, 1921

Full Moon May 21st, 8:15 P. M., \uparrow $0^{\circ} 12'$

Declination of the Planets

Day			S. T.	☉ N	♀ N	♂ N	♂ S	♂ N	♂ N	♂ N	♂ S	♂ N
		H. M.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
Su	1	2 35	15 00	14 14	10 18	8 46	6 46	9 28	19 48	8 57	17 32	
M	2	39	18	13 51	11 08	5 08	46	28	58	56	32	
T	3	43	36	13 28	11 57	1 13	47	28	20 08	55	32	
W	4	47	53	13 06	12 47	2N51	48	28	18	54	32	
Th	5	51	16 10	12 45	13 37	6 53	48	28	28	54	32	
F	6	55	28	12 24	14 26	10 42	48	28	37	53	32	
S	7	2 59	16 44	12 05	15 15	14 04	6 49	9 28	20 47	8 52	17 32	
Su	8	3 03	17 01	11 46	16 03	16 42	49	28	56	51	31	
M	9	07	17 11	11 29	16 50	18 23	50	27	21 05	50	31	
T	10	11	33 11	11 13	17 37	18 55	50	27	13	50	31	
W	11	15	49 10	10 57	18 22	18 15	50	26	22	49	31	
Th	12	19	18 04	10 43	19 05	16 24	50	26	30	49	31	
F	13	23	19 10	10 30	19 47	13 32	50	25	38	48	31	
S	14	3 27	18 34	10 18	20 27	9 54	6 51	9 24	21 46	8 48	17 31	
Su	15	31	48 10	10 08	21 05	5 44	51	23	54	47	30	
M	16	35	19 02	9 58	21 41	1s18	51	23	22 02	47	30	
T	17	39	16 9	9 50	22 14	3 08	51	22	09	46	30	
W	18	43	29 9	9 42	22 45	7 22	51	21	16	46	30	
Th	19	46	43 9	9 36	23 14	11 10	51	20	23	46	30	
F	20	50	55 9	9 31	23 40	14 21	50	18	30	45	30	
S	21	3 54	20 08	9 27	24 03	16 46	6 50	9 17	22 36	8 45	17 29	
Su	22	58	20 9	9 24	24 24	18 19	50	16	42	45	29	
M	23	4 02	32 9	9 22	24 42	18 57	50	15	48	44	29	
T	24	06	43 9	9 20	24 57	18 39	49	13	54	44	29	
W	25	10	54 9	9 20	25 10	17 31	49	12	23 00	44	28	
Th	26	14	21 05	9 21	25 20	15 37	49	10	05	43	28	
F	27	18	15 9	9 23	25 28	13 05	48	09	11	43	28	
S	28	4 22	21 25	9 25	25 34	10 00	6 48	9 07	23 16	8 43	17 27	
Su	29	26	35 9	9 28	25 37	6 31	47	05	21	42	27	
M	30	30	44 9	9 32	25 39	2 43	47	04	25	42	26	
T	31	34	53 9	9 37	25 38	1N15	46	02	30	42	26	

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
 Calculated for Mean Noon at Greenwich
 JUNE, 1921
 New Moon June 6th, 6:14 A. M., in Π $14^{\circ} 59'$
 Longitude of the Planets

Day	☉ ♌	♀ ♍	♂ ♎	♂ ♏	♂ ♐	♂ ♑	♂ ♒	♂ ♓	♂ ♈	♂ ♉	♂ ♊
W	1 10 26	29 37	1 57	9 55	18 05	9 58	18 17	9 34	11 25	24 58	
Th	2 11 23	0 8 12	3 24	22 49	06 10	03 18	58 18	34 34	26 55		
F	3 12 21	0 47	4 50	6 8 07	08 07	19 38	35 27	52 49			
S	4 13 18	1 25	6 10	19 51	10 12	20 19	35 28	49 49			
Su	5 14 16	2 02	7 30	4 11 00	11 17	21 00	36 29	46 46			
M	6 15 13	2 42	8 44	18 29	12 23	21 41	36 31	43 43			
T	7 16 10	3 22	9 57	3 50 13	18 14	10 28	22 21	9 37	11 32	24 40	
W	8 17 08	4 04	11 04	18 04	16 33	23 02	37 34	37 34			
Th	9 18 05	4 46	12 11	2 50 53	18 39	23 43	37 35	33 33			
F	10 19 03	5 30	13 11	17 33	20 45	24 24	37 36	30 30			
S	11 20 00	6 14	14 11	1 11 58	22 51	25 04	38 38	27 27			
Su	12 20 57	7 00	15 04	16 06	25 57	25 45	38 40	23 23			
M	13 21 55	7 45	15 57	29 54	27 11	04 26	38 42	20 20			
T	14 22 52	8 27	16 43	13 25	18 30	11 11	27 05	9 38	11 44	24 17	
W	15 23 49	9 19	17 28	26 38	32 17	27 45	38 45	14 14			
Th	16 24 46	10 08	18 06	9 11 37	35 24	28 26	38 46	17 17			
F	17 25 44	10 56	18 43	22 23	37 30	29 06	38 48	07 07			
S	18 26 41	11 46	19 13	4 1 59	40 37	29 46	37 49	04 04			
Su	19 27 38	12 36	19 42	17 24	43 44	0 26	37 51	01 01			
M	20 28 35	13 28	20 03	29 40	46 51	1 07	37 53	23 23			
T	21 29 33	14 19	20 23	11 13 48	18 49	11 59	1 47	9 37	11 55	23 50	
W	22 0 30	15 12	20 35	23 50	52 12	06 2	27 37	57 57			
Th	23 1 27	16 04	20 46	5 11 45	55 14	3 07	36 58	4 4			
F	24 2 24	16 58	20 49	17 37	58 21	3 47	36 12	00 4			
S	25 3 22	17 52	20 51	29 28	19 02	4 27	36 02	4 4			
Su	26 4 19	18 47	20 44	11 11 22	06 37	5 07	35 04	3 3			
M	27 5 16	19 41	20 37	23 23	09 45	5 47	34 05	3 3			
T	28 6 13	20 37	20 21	5 11 36	19 13	12 53	6 29	9 33	12 07	23 3	
W	29 7 10	21 33	20 06	18 06	17 13	02 7	07 32	09 2			
Th	30 8 08	22 29	19 43	0 8 58	20 10	7 47	32 11	2 2			

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

JUNE, 1921

Full Moon June 20th, 9:41 A. M., in \uparrow $28^{\circ} 30'$

Declination of the Planets

Day	S. T.	☉ N	♀ N	♂ N	♂ N	♂ N	♂ N	♂ N	♂ N	♂ S	♂ N
	H. M.	° '	° '	° '	° '	° '	° '	° '	° '	° '	° '
W	1	4 38	22 01	9 42	25 35	5 16	6 46	9 00	23 34	8 42	17 26
Th	2	42	09	48	31	9 10	45	8 58	38	42	25
F	3	46	17	55	25	12 44	44	56	42	41	25
S	4	50	24	10 02	18	15 44	43	54	45	41	25
Su	5	53	31	10	09	17 52	43	52	48	41	24
M	6	57	38	18 24	59	18 54	42	50	52	41	24
T	7	5 01	22 44	10 27	24 47	18 42	6 41	8 48	23 55	8 41	17 24
W	8	05	49	37	35	17 13	40	45	57	41	23
Th	9	09	55	47	21	14 35	39	43	24 00	41	23
F	10	13	23 00	57	07	11 03	38	41	02	41	22
S	11	17	04	11 08	23 51	6 55	37	38	04	41	22
Su	12	21	08	19	35	2 29	36	36	06	41	21
M	13	25	12	30	19	2 00	35	33	08	41	21
T	14	5 29	23 15	11 42	23 02	6 18	6 34	8 31	24 09	8 41	17 20
W	15	33	18	54	22 44	10 12	33	28	10	41	20
Th	16	37	21	12 06	27	13 32	32	25	11	41	19
F	17	41	23	19	09	16 09	30	23	12	41	19
S	18	45	24	32	21 51	17 57	29	20	13	41	18
Su	19	49	26	45	33	18 53	28	17	13	41	18
M	20	53	26	58	15	18 53	27	14	13	41	18
T	21	5 57	23 27	13 12	20 57	18 02	6 25	8 11	24 13	8 42	17 17
W	22	6 00	27	25	40	16 23	24	08	13	42	17
Th	23	04	26	39	23	14 02	22	05	13	42	17
F	24	08	26	53	06	11 08	21	02	12	42	16
S	25	12	24	14 07	19 50	7 47	19	7 59	11	42	16
Su	26	16	23	20	35	4 07	18	55	10	43	15
M	27	20	21	34	20	0N14	16	52	09	43	15
T	28	6 24	23 18	14 48	19 07	3 43	6 15	7 49	24 07	8 43	17 14
W	29	28	15	15 03	18 54	7 36	13	46	06	43	14
Th	30	32	12	17	42	11 15	11	42	04	44	14

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

JULY, 1921

New Moon July 5th, 1:36 P. M., in \varnothing $12^{\circ} 58'$

Longitude of the Planets

Day	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
	☉	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F	1	9 05	23 26	19R20	14 15	19 24	13 19	8 23	9R31	12 13	23 23
S	2	10 02	24 24	19 20	28 01	29	28	9 06	30	15	19
Su	3	10 59	25 21	18 20	12II16	33	36	9 46	29	17	16
M	4	11 56	26 20	17 45	26 56	37	45	10 26	29	19	13
T	5	12 54	27 18	17 11	11☉57	41	54	11 05	28	21	16
W	6	13 51	28 17	16 33	27 07	46	14 03	11 45	27	23	07
Th	7	14 48	29 16	15 56	13♂16	19 50	14 12	12 24	9 26	12 25	23 04
F	8	15 45	0II16	15 18	27 16	55	22	13 04	25	27	07
S	9	16 43	1 15	14 41	11♂56	59	31	13 43	24	29	22 57
Su	10	17 40	2 16	14 06	26 13	20 04	46	14 23	22	31	54
M	11	18 37	3 16	13 31	10☉05	08	15 00	15 02	21	33	55
T	12	19 34	4 17	13 01	23 34	13	05	15 42	20	35	44
W	13	20 31	5 18	12 31	6♂40	18	09	16 21	19	37	44
Th	14	21 29	6 20	12 08	19 28	20 23	15 19	17 00	9 18	12 39	22 44
F	15	22 26	7 21	11 45	2 ♄ 2	28	29	17 40	16	41	33
S	16	23 23	8 24	11 31	14 24	33	39	18 20	15	43	33
Su	17	24 20	9 26	11 17	26 36	38	49	18 59	13	46	33
M	18	25 18	10 29	11 13	8♂42	43	16 00	19 38	12	48	33
T	19	26 15	11 31	11 09	20 41	49	10 20	17	10	50	22
W	20	27 12	12 34	11♂16	2♂37	55	21	20 56	08	52	22
Th	21	28 09	13 37	11 23	14 30	21 00	16 31	21 35	9 07	12 54	22 22
F	22	29 07	14 41	11 42	26 21	06	42	21 14	05	56	11
S	23	0♂04	15 45	12 01	8♂13	11	52	22 54	03	58	11
Su	24	1 01	16 49	12 32	20 08	17	17 03	23 33	02	13 00	11
M	25	1 58	17 53	13 02	2 ♄ 10	22	13 24	12	00	03	00
T	26	2 56	18 58	13 44	14 23	28	24 24	51	8 58	05	00
W	27	3 53	20 02	14 26	26 51	33	35	25 30	56	07	00
Th	28	4 51	21 06	15 20	9 ♄ 39	21 39	17 46	26 09	8 54	13 09	21 55
F	29	5 48	22 12	16 13	22 52	45	57	26 48	53	12	55
S	30	6 45	23 18	17 18	6II33	51	18 08	27 27	51	14	55
Su	31	7 43	24 23	18 23	20 43	57	19	28 06	49	16	44

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

JULY, 1921

Full Moon July 20th, 0:07 A. M., in ν 26° 44'

Declination of the Planets

Day	S. T.	☉ N	♀ N	♂ N	♂ N	♂ N	♂ N	♂ N	♂ N	♂ S	♂ N
	H. M.	° '	° '	° '	° '	° '	° '	° '	° '	° '	° '
F	1	6 36	23 08	15 30	18 31	14 28	6 10	7 39	24 02	8 44	17 13
S	2	40	04 15	44 18	22 16	59 08	35 00	44 13			
Su	3	44	00 15	58 18	13 18	33 06	32 23	57 45	12 11		
M	4	48	22 55	16 12	18 06	18 56	04 28	54 45	11 10		
T	5	52	49 16	26 18	01 18	01 02	25 52	45 10			
W	6	56	44 16	39 17	56 15	50 01	21 49	46 10			
Th	7	7 00	22 38	16 53	17 53	12 34	5 59	7 18	23 45	8 46	17 09
F	8	04	31 17	06 17	51 8	31 57	14 42	47 09			
S	9	08	24 17	19 17	51 4	01 55	10 38	47 08			
Su	10	11	17 17	32 17	52 0	35 53	06 35	47 07			
M	11	15	09 17	45 17	54 5	02 51	02 31	48 07			
T	12	19	01 17	57 17	58 9	07 49	6 59	26 48	06 06		
W	13	23	21 53	18 10	18 02	12 37	47 55	22 49	06 06		
Th	14	7 27	21 44	18 22	18 08	15 27	5 45	6 51	23 17	8 49	17 05
F	15	31	35 18	33 18	15 17	28 43	47 13	50 05			
S	16	35	25 18	45 18	23 18	38 41	43 08	50 04			
Su	17	39	15 18	56 18	32 18	55 38	39 03	51 04			
M	18	43	05 19	07 18	41 18	19 36	35 22	57 51	03 03		
T	19	47	20 55	19 18	18 51	16 55	34 31	52 52	03 03		
W	20	51	44 19	28 19	02 14	48 32	27 46	53 02			
Th	21	7 55	20 32	19 38	19 13	12 04	5 30	6 22	22 41	8 54	17 01
F	22	59	21 19	48 19	25 8	51 27	18 35	54 01			
S	23	8 03	09 19	57 19	36 5	18 25	14 28	55 00			
Su	24	07	19 56	20 06	19 48	1 30	23 10	55 00			
M	25	11	44 20	14 19	59 2	23 20	05 16	56 16	59 59		
T	26	15	31 20	22 20	10 6	14 18	01 09	56 59			
W	27	18	17 20	30 20	20 9	54 16	5 57	02 57	58 58		
Th	28	8 22	19 04	20 37	20 29	13 12	5 13	5 52	21 55	8 58	16 57
F	29	26	18 50	20 44	20 38	15 56	11 48	48 59	56 56		
S	30	30	36 20	51 20	46 17	52 08	44 41	9 00	55 55		
Su	31	34	21 20	57 20	52 18	47 06	39 33	01 55			

SIMPLIFIED SCIENTIFIC EPIHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

AUGUST, 1921

New Moon August 3rd, 8:17 P. M., in Ω $10^{\circ} 55'$
Longitude of the Planets

Day	\odot Ω	\ominus Π	\oplus Ξ	\uparrow Σ	\downarrow η	\uparrow η	\oplus Σ	\oplus Σ	\oplus Σ	\oplus Σ	\oplus Σ
M	1 8 40	25 29	19 38	5 21	22 02	18 30	28 45	8R47	13 18	21 4	4
T	2 9 38	26 34	20 54	20 22	09	42	29 23	45	21	4	4
W	3 10 35	27 41	22 20	5 Ω 37	16	53	0 Ω 02	43	23	3	3
Th	4 11 32	28 47	23 45	20 55	22	19 04	0 41	41	25	3	3
F	5 12 30	29 53	25 20	6 η 06	28	16	1 20	39	28	3	3
S	6 13 28	0 Σ 59	26 54	20 59	34	28	1 59	37	30	2	2
Su	7 14 25	2 06	28 37	5 Σ 28	22 41	19 40	2 38	8 35	13 32	21 2	2
M	8 15 23	3 13	0 Ω 20	19 29	47	51	3 16	33	34	2	2
T	9 16 20	4 20	2 10	3 η 02	54	20 03	3 55	30	36	1	1
W	10 17 18	5 27	3 59	16 11	23 00	14 4 33	28	38	1	1	1
Th	11 18 15	6 35	5 24	28 57	07	26 5 12	26	40	1	1	1
F	12 19 13	7 42	7 48	11 \uparrow 26	13	38 5 50	24	42	0	0	0
S	13 20 10	8 50	9 17	23 41	20	50 6 29	21	46	0	0	0
Su	14 21 08	9 57	11 45	5 Σ 46	23 26	21 02	7 08	8 19	13 47	21 0	0
M	15 22 06	11 05	13 46	17 45	33	14 7 47	17	49	0	0	0
T	16 23 03	12 13	15 46	29 39	40	26 8 25	15	51	20 5	5	5
W	17 24 01	13 22	17 48	11 Σ 32	47	38 9 04	12	53	5	5	5
Th	18 24 59	14 30	19 49	23 24	54	50 9 42	10	56	5	5	5
F	19 25 57	15 39	21 51	5 Σ 17	24 00	22 03	10 20	08	58	4	4
S	20 26 54	16 47	23 52	17 13	07	15 10 58	05	14 00	4	4	4
Su	21 27 52	17 56	25 52	29 15	24 14	22 28	11 37	8 03	14 02	20 4	4
M	22 28 50	19 05	27 52	11 \uparrow 23	21	40 12 15	01	05	3	3	3
T	23 29 48	20 14	29 46	23 42	28	52 12 54	7 58	07	3	3	3
W	24 0 η 46	21 23	1 η 50	6 8 14	35	23 04	13 32	56	09	3	3
Th	25 1 43	22 32	3 46	19 04	42	17 14 10	53	11	2	2	2
F	26 2 41	23 41	5 42	2 Π 14	49	29 14 48	51	13	2	2	2
S	27 3 39	24 51	7 37	15 49	57	42 15 27	48	15	2	2	2
Su	28 4 37	26 01	9 31	29 50	25 04	23 54	16 05	7 46	14 17	20 1	1
M	29 5 35	27 11	11 23	14 Σ 15	11	24 07	16 43	44	19	1	1
T	30 6 33	28 20	13 15	27 37	18	20 17 21	42	22	1	1	1
W	31 7 31	29 30	15 05	14 Ω 07	25	33 17 59	39	24	0	0	0

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

AUGUST, 1921

Full Moon August 18th, 3:28 P. M., $\approx 25^{\circ} 7'$

Declination of the Planets

Day	S. T.	☉ N	♀ N	♂ N	♂ N	♂ N	♂ N	♂ N	♂ N	♂ S	♂ N
		H. M.	° '	° '	° '	° '	° '	° '	° '	° '	° '
M	1	8 38	18 06	21 02	20 57	18 29	5 03	5 35	21 26	9 01	16 54
T	2	42	17 51	21 07	21 00	16 55	01	30	18	02	54
W	3	46	17 35	21 12	21 01	14 09	4 58	26	10	02	53
Th	4	50	17 20	21 16	21 00	10 24	56	21	02	03	53
F	5	54	17 04	21 19	20 57	5 59	53	16	20 54	04	52
S	6	58	16 47	21 22	20 52	1 17	51	12	45	05	51
Su	7	9 02	16 31	31 25	20 44	3s22	4 48	5 07	20 37	9 06	16 51
M	8	06	16 14	21 27	20 33	7 41	45	03	28	07	50
T	9	10	15 57	21 28	20 20	11 28	43	4 58	19	08	50
W	10	14	15 39	21 29	20 04	14 33	40	53	10	09	49
Th	11	18	15 22	21 30	19 46	16 49	37	48	01	10	48
F	12	22	15 04	21 30	19 25	18 14	35	44	19 52	11	47
S	13	26	14 46	21 29	19 01	18 45	32	39	43	12	47
Su	14	9 29	14 28	21 28	18 35	18 24	4 29	4 34	19 33	9 12	16 46
M	15	33	14 09	21 26	18 07	17 15	27	29	24	13	46
T	16	37	13 50	21 24	17 36	15 20	24	25	14	14	45
W	17	41	13 31	21 21	17 03	12 48	21	20	04	15	45
Th	18	45	13 12	21 18	16 28	9 44	18	15	18 54	15	44
F	19	49	12 53	21 14	15 52	6 17	16	10	44	16	44
S	20	53	12 33	21 09	15 13	2 33	13	05	34	17	43
Su	21	9 57	12 13	21 04	14 34	1n18	4 10	4 00	18 23	9 18	16 42
M	22	10 01	11 53	20 58	13 53	5 08	07	3 55	13	19	41
T	23	05	11 33	20 52	13 11	8 49	04	50	02	20	41
W	24	09	11 13	20 45	12 28	12 10	02	45	17 51	21	40
Th	25	13	10 52	20 38	11 44	15 00	3 59	40	40	22	40
F	26	17	10 31	20 30	10 59	17 09	56	35	29	22	39
S	27	21	10 10	20 21	10 14	18 24	53	30	18	23	39
Su	28	10 25	9 49	20 12	9 28	18 34	3 50	3 25	17 07	9 24	16 38
M	29	29	9 28	20 03	8 42	17 34	47	20	16 56	25	37
T	30	33	9 07	19 52	7 56	15 23	44	15	44	26	36
W	31	36	8 45	19 42	7 09	12 08	42	10	33	27	36

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

SEPTEMBER, 1921

New Moon September 2nd, 3:33 A. M., in $\text{m} 9^{\circ} 7'$
Longitude of the Planets

Day	☉ ᵐ	♀ ᵒ	♂ ᵐ	♂ ᵒ	♂ ᵐ	♂ ᵐ	♂ ᵒ	♂ ᵒ	♂ ᵒ	♂ ᵒ	♂ ᵒ
Th	1 8 29	0 40	16 54	29 18	25 32	24 45	18 38	7 _R 37	14 26	20 06	
F	2 9 28	1 51	18 41	14ᵐ25	40	58	19 16	34	28	03	
S	3 10 26	3 01	20 27	29 20	47	25 10	19 54	32	30	00	
Su	4 11 24	4 12	22 12	13 ₌ 54	55	23	20 32	30	32	19 57	
M	5 12 22	5 22	23 56	28 02	26 02	36	21 10	28	34	54	
T	6 13 20	6 33	25 38	11ᵐ43	09	49	21 48	26	36	50	
W	7 14 19	7 43	27 20	24 57	26 16	26 02	22 26	7 23	14 38	19 47	
Th	8 15 17	8 54	29 00	7 48	24	15	23 04	20	40	44	
F	9 16 15	10 05	0 ₌ 39	20 18	31	27	23 42	18	42	41	
S	10 17 14	11 16	2 19	2 _v 33	39	40	24 20	16	44	38	
Su	11 18 12	12 27	3 54	14 36	46	53	24 58	13	46	35	
M	12 19 10	13 38	5 29	26 32	53	27 06	25 36	11	48	31	
T	13 20 09	14 49	7 04	8 ₌ 24	27 01	19	26 14	09	50	28	
W	14 21 07	16 1	8 37	20 15	27 8	27 32	26 52	7 6	14 52	19 25	
Th	15 22 06	17 12	10 10	2 _x 09	15	45	27 30	04	54	21	
F	16 23 04	18 24	11 41	14 08	23	58	28 08	01	56	18	
S	17 24 03	19 35	13 12	26 12	30	28 11	28 45	6 59	58	15	
Su	18 25 01	20 47	14 41	8 25	38	24	29 23	57	15 00	12	
M	19 26 00	21 59	16 10	20 47	45	37	0ᵐ01	55	01	08	
T	20 26 59	23 11	17 37	3 8 19	53	50	0 39	53	03	05	
W	21 27 57	24 23	19 03	16 04	28 00	29 03	1 17	6 50	15 05	19 02	
Th	22 28 56	25 35	20 27	29 04	08	16	1 55	48	07	18 59	
F	23 29 55	26 47	21 51	12 _{II} 21	15	28	2 32	46	08	56	
S	24 0 ₌ 53	28 00	23 13	25 55	23	41	3 10	44	10	53	
Su	25 1 52	29 12	24 35	9 ₌ 49	30	54	3 48	42	12	50	
M	26 2 51	0ᵐ25	25 55	24 01	38	0 ₌ 07	4 26	40	13	47	
T	27 3 50	1 37	27 14	8ᵒ30	45	20	5 03	38	14	43	
W	28 4 49	2 50	28 31	23 12	28 53	0 33	5 41	6 36	15 15	18 40	
Th	29 5 48	4 02	29 48	8ᵐ01	29 00	46	6 18	34	17	37	
F	30 6 47	5 15	0 ᵐ2	22 50	8	59	6 56	32	19	34	

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

SEPTEMBER, 1921

Full Moon September 17th, 7:20 A. M., in ♋ 23° 52

Declination of the Planets

Day	S. T.	☉ N	♀ N	♂ N	♂ N	♂ N	♂ N	♂ N	♂ N	♂ S	♂ N
	H. M.	° '	° '	° '	° '	° '	° '	° '	° '	° '	° '
h	1	10 40	8 23	19 30	6 22	8 03	3 39	3 05	16 21	9 28	16 35
	2	44	8 02	19 19	5 36	3 27	36	00	10	29	35
	3	48	7 40	19 06	4 49	1s18	33	2 55	15 58	30	34
u	4	52	7 18	18 53	4 02	5 52	30	50	46	31	34
l	5	56	6 55	18 40	3 15	9 58	27	45	34	32	33
	6	11 00	6 33	18 26	2 29	13 24	24	40	22	33	33
7	7	11 4	6 11	18 11	1 43	16 0	3 21	2 35	15 10	9 33	16 32
h	8	08	5 48	17 56	0 57	17 43	18	30	14 57	34	32
	9	12	5 26	17 41	0 11	18 31	15	25	45	35	31
	10	16	5 03	17 25	0s34	18 25	12	19	33	36	31
u	11	20	4 40	17 08	1 19	17 29	10	14	20	37	30
l	12	24	4 17	16 51	2 04	15 47	07	09	07	38	30
	13	28	3 54	16 34	2 48	13 26	04	04	13 55	39	29
7	14	11 32	3 31	16 16	3 32	10 32	3 01	1 59	13 42	9 40	16 28
h	15	36	3 08	15 57	4 15	7 12	2 58	54	29	40	27
	16	40	2 45	15 38	4 58	3 33	55	49	16	41	27
	17	44	2 22	15 19	5 41	0N17	52	44	03	42	26
u	18	47	1 59	14 59	6 22	4 09	49	38	12 50	43	26
l	19	51	1 36	14 39	7 03	7 53	46	33	37	43	25
	20	55	1 12	14 18	7 44	11 19	43	28	24	44	25
7	21	11 59	0 49	13 57	8 24	14 17	2 40	1 23	12 11	9 45	16 24
h	22	12 03	0 26	13 35	9 03	16 35	37	18	11 57	46	24
	23	07	0 02	13 14	9 42	18 02	34	13	44	47	23
	24	11	0s21	12 51	10 20	18 30	31	07	30	48	23
u	25	15	0 45	12 29	10 57	17 53	28	02	17	49	22
l	26	19	1 08	12 06	11 33	16 09	26	0 57	03	50	22
	27	23	1 31	11 42	12 09	13 22	23	52	10 49	50	21
7	28	12 27	1 55	11 18	12 43	9 43	2 20	0 47	10 36	9 51	16 21
h	29	31	2 18	10 54	13 17	5 25	17	42	22	51	20
	30	35	2 41	10 30	13 50	0 47	14	37	08	52	20

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

OCTOBER, 1921

Eclipse New Moon October 1st, 0:26 P. M., $\approx 7^{\circ} 47'$ New Moon October 30th, 11:38 P. M., in $\mu 7^{\circ} 1'$

Longitude of the Planets

Day	\odot \approx	\ominus μ	\oplus μ	\uparrow \approx	\downarrow μ	\uparrow \approx	\downarrow μ	\uparrow \approx	\downarrow μ	\uparrow \approx	\downarrow μ	\uparrow \approx
S	1 7 46	6 28	2 16	7 31	29 15	1 12	7 33	6R30	15 20	18 2		
Su	2 8 45	7 41	3 27	21 57	22	25	8 11	28	22	2		
M	3 9 44	8 54	4 37	6m03	29	38	8 49	26	24	2		
T	4 10 43	10 07	5 44	19 46	37	51	9 27	24	25	2		
W	5 11 42	11 20	6 50	3 4 05	44	2 04	10 04	22	26	1		
Th	6 12 42	12 33	7 53	16 00	52	17	10 42	21	27	1		
F	7 13 41	13 46	8 55	28 35	29 59	2 30	11 19	6 19	15 28	18 1		
S	8 14 40	15 00	9 52	10V52	0=06	43	11 57	17	30	0		
Su	9 15 39	16 13	10 49	22 56	13	55	12 34	16	32	0		
M	10 16 39	17 27	11 40	4=51	21	3 08	13 11	14	33	0		
T	11 17 38	18 40	12 31	16 43	28	21	13 48	12	35	17 5		
W	12 18 37	19 54	13 15	28 35	35	34	14 26	11	36	5		
Th	13 19 37	21 07	13 58	10x32	42	47	15 03	09	37	5		
F	14 20 36	22 21	14 33	22 36	0 50	4 00	15 41	6 08	15 38	17 5		
S	15 21 36	23 34	15 07	4 7 50	57	12	16 18	06	39	4		
Su	16 22 35	24 48	15 31	17 16	1 04	25	16 55	05	40	4		
M	17 23 35	26 02	15 55	29 56	11	37	17 32	03	41	4		
T	18 24 34	27 16	16 06	12 8 49	18	50	18 10	02	42	3		
W	19 25 34	28 29	16 17	25 56	25	5 02	18 47	01	43	3		
Th	20 26 34	29 43	16R13	9II17	32	15	19 24	5 59	44	3		
F	21 27 33	0=57	16 09	22 50	1 39	5 27	20 01	5 58	15 45	17 2		
S	22 28 33	2 12	15 48	6=36	46	40	20 39	57	46	2		
Su	23 29 33	3 26	15 27	20 32	53	52	21 16	56	47	2		
M	24 0m33	4 40	14 48	4=38	2 00	6 05	21 53	55	48	1		
T	25 1 32	5 54	14 09	18 52	07	17	22 30	54	49	1		
W	26 2 32	7 09	13 10	3m11	14	30	23 07	53	50	1		
Th	27 3 32	8 23	12 17	17 33	20	42	23 44	52	51	0		
F	28 4 32	9 38	11 04	1=54	2 27	6 54	24 21	5 51	15 51	17 0		
S	29 5 32	10 52	9 57	16 10	34	7 06	24 58	50	52	0		
Su	30 6 32	12 07	8 40	0m15	41	18	25 35	49	52	16 5		
M	31 7 32	13 21	7 23	14 07	47	30	26 12	48	53	5		

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

OCTOBER, 1921

Eclipse Full Moon October 16th, 10:59 P. M., in γ $23^{\circ} 3'$

Declination of the Planets

Day	S. T.		☉ S	♀ N	♂ S	♂ S	♂ N	♂ N	♂ N	♂ S	♂ N
S	1	H. 12 M. 39	3 05	10 05	14 22	3 52	2 11	0 32	9 54	9 52	16 20
Su	2	43	3 28	9 40	14 53	8 13	08	26	40	53	19
M	3	47	3 51	9 15	15 23	12 00	05	21	26	54	19
T	4	51	4 15	8 49	15 51	15 00	02	16	12	55	18
W	5	54	4 38	8 24	16 19	17 06	00	11	8 58	55	18
Th	6	58	5 01	7 57	16 45	18 15	1 57	06	44	56	17
F	7	13 02	5 24	7 31	17 10	18 27	1 54	0 01	8 30	9 57	16 17
S	8	06	5 47	7 04	17 33	17 46	51	s04	16	58	16
Su	9	10	6 10	6 38	17 55	16 18	48	09	02	58	16
M	10	14	6 33	6 11	18 16	14 08	45	14	7 48	59	15
T	11	18	6 55	5 43	18 34	11 24	43	19	33	59	15
W	12	22	7 18	5 16	18 51	8 11	40	24	19	10 00	15
Th	13	26	7 40	4 48	19 06	4 38	37	29	05	00	15
F	14	13 30	8 03	4 20	19 19	0 51	1 34	0 34	6 50	10 01	16 14
S	15	34	8 25	3 53	19 29	3N02	31	39	36	01	14
Su	16	38	8 47	3 24	19 37	6 51	29	44	21	02	14
M	17	42	9 09	2 56	19 43	10 26	26	49	07	02	14
T	18	46	9 31	2 28	19 45	13 35	23	54	5 53	03	13
W	19	50	9 53	1 59	19 44	16 05	21	59	38	03	13
Th	20	54	10 15	1 31	19 40	17 46	18	1 04	24	04	13
F	21	13 58	10 36	1 02	19 32	18 28	1 15	1 09	5 09	10 04	16 13
S	22	14 01	10 58	0 33	19 20	18 07	13	14	4 54	04	12
Su	23	05	11 19	0 05	19 04	16 40	10	18	40	05	12
M	24	09	11 40	0s24	18 44	14 12	07	23	25	05	12
T	25	13	12 01	0 53	18 19	10 52	05	28	11	05	12
W	26	17	12 21	1 22	17 50	6 52	02	33	3 56	05	12
Th	27	21	12 42	1 51	17 16	2 27	1 00	38	42	06	11
F	28	14 25	13 02	2 20	16 39	2s06	0 57	1 42	3 27	10 06	16 11
S	29	29	13 22	2 49	15 58	6 31	55	47	12	06	11
Su	30	33	13 42	3 18	15 15	10 31	52	52	2 58	06	11
M	31	37	14 02	3 46	14 31	13 52	50	57	43	07	11

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

NOVEMBER, 1921

New Moon November 29th, 1:25 P. M., in ♄ 6° 49'

Longitude of the Planets

Day	☉ ♌	♀ ♍	♂ ♎	♄ ♏	♅ ♐	♆ ♑	♇ ♒	♈ ♓	♉ ♊	♋ ♌	♍ ♎
T	1 8 32	14 41	6R08	27 42	2 54	7 42	26 49	5R47	15 53	16 52	49
W	2 9 32	15 50	4 53	10 ♄ 57	3 00	54 27	26 46	47	54	46	48
Th	3 10 33	17 05	3 49	23 51	09	8 06	28 03	46	54	42	49
F	4 11 33	18 19	2 46	6V327	13	18	28 40	46	54	42	49
S	5 12 33	19 34	2 00	18 46	19	30	29 17	45	55	39	49
Su	6 13 33	20 48	1 15	0 [~] 51	25	42	29 54	45	56	36	49
M	7 14 33	22 03	0 52	12 47	3 32	8 54	0 [~] 01	5 45	15 56	16 33	49
T	8 15 34	23 18	0 30	24 38	38	9 05	1 08	45	56	30	49
W	9 16 34	24 33	0 30	6 [~] 30	44	17	1 42	44	56	27	49
Th	10 17 34	25 47	0 30	18 27	50	28	2 21	44	57	24	49
F	11 18 35	27 02	0D22	0 [~] 34	56	40	2 58	44	57	23	49
S	12 19 35	28 17	1 13	12 55	4 02	51	3 35	44	57	17	49
Su	13 20 35	29 32	1 52	25 33	08	10 03	4 12	43	57	14	49
M	14 21 36	0 [~] 47	2 31	8 8 29	4 14	10 14	4 48	5 43	15 58	16 10	49
T	15 22 36	2 02	3 25	21 44	20	25	5 25	D43	58	07	49
W	16 23 37	3 17	4 18	5 [~] 18	25	36	6 01	43	58	04	49
Th	17 24 37	4 32	5 23	19 06	31	47	6 38	43	58	01	49
F	18 25 38	5 47	6 27	3 [~] 07	37	58	7 15	43	59	15 58	49
S	19 26 38	7 02	7 40	17 15	43	11 09	7 52	43	59	58	49
Su	20 27 38	8 17	8 53	1 [~] 27	48	19	8 28	43	R58	58	49
M	21 28 39	9 32	10 12	15 40	4 53	11 31	9 05	5 43	15 58	15 48	49
T	22 29 40	10 47	11 31	29 50	58	41	9 41	44	58	44	49
W	23 0 ♄ 41	12 02	12 54	13 [~] 56	5 04	52	10 18	44	58	41	49
Th	24 1 41	13 18	14 17	27 57	09	12 02	10 54	45	58	38	49
F	25 2 42	14 33	15 44	11 [~] 51	14	12	11 30	45	57	35	49
S	26 3 43	15 48	17 10	25 39	19	22	12 06	46	57	32	49
Su	27 4 43	17 04	18 39	9 [~] 17	24	33	12 43	47	57	29	49
M	28 5 44	18 19	20 07	22 46	5 29	12 43	13 19	5 47	15 57	15 28	49
T	29 6 45	19 34	21 37	6 ♄ 01	34	53	13 56	48	57	25	49
W	30 7 46	20 49	23 07	19 03	39	13 02	14 32	49	56	22	49

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

NOVEMBER, 1921

Full Moon November 15th, 1:39 P. M., in γ 22° 40'

Declination of the Planets

Day	S. T.	☉ S	♀ S	♂ S	♂ S	♂ N	♂ S	♂ N	♂ S	♂ N	
T	1	H. 14 M. 41	14 21	4 15	13 46	16 23	0 47	2 01	2 28	10 07	16 11
W	2	45	40	4 44	13 02	17 56	45	06	14	07	10
Th	3	49	59	5 13	12 20	18 31	42	10	1 59	07	10
F	4	53	15 18	5 41	11 42	18 10	40	15	45	08	10
S	5	57	36	6 10	11 09	16 57	37	20	30	08	10
Su	6	15 01	55	6 38	10 40	14 59	35	24	15	08	10
M	7	15 05	16 13	7 06	10 17	12 25	0 33	2 29	1 01	10 08	16 10
T	8	09	30	7 34	10 00	9 21	31	33	0 46	08	10
W	9	12	48	8 02	9 49	5 55	28	38	31	09	10
Th	10	16	17 05	8 30	9 43	2 12	26	42	17	09	09
F	11	20	21	8 58	9 42	1N39	24	46	02	09	09
S	12	24	38	9 25	9 47	5 31	22	51	s12	09	09
Su	13	28	54	9 52	9 56	9 14	19	55	27	09	09
M	14	15 32	18 10	10 19	10 09	12 36	0 17	2 59	0 41	10 09	16 09
T	15	36	26	10 46	10 25	15 24	15	3 04	56	09	09
W	16	40	41	11 13	10 45	17 25	13	08	1 10	09	09
Th	17	44	56	11 39	11 07	18 28	11	12	25	09	09
F	18	48	19 10	12 05	11 31	18 24	09	16	39	08	09
S	19	52	25	12 31	11 57	17 12	07	20	53	08	09
Su	20	56	38	12 56	12 24	14 57	05	24	2 08	08	09
M	21	16 00	19 52	13 21	12 53	11 48	0 03	3 28	2 22	10 08	16 09
T	22	04	20 05	13 46	13 22	7 58	01	32	36	08	09
W	23	08	18	14 11	13 52	3 42	s01	36	51	07	09
Th	24	12	30	14 35	14 22	0s45	03	40	3 05	07	09
F	25	16	42	14 58	14 53	5 08	05	44	19	07	09
S	26	19	54	15 22	15 24	9 13	06	48	33	07	09
Su	27	23	21 05	15 45	15 54	12 46	08	52	48	06	09
M	28	16 27	21 16	16 07	16 25	15 35	0 10	3 56	4 02	10 06	16 10
T	29	31	27	16 30	16 55	17 31	12	59	16	06	10
W	30	35	37	16 51	17 25	18 30	13	4 03	30	06	10

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

DECEMBER, 1921

New Moon December 29th, 5:39 A. M., in $\text{vs } 7^{\circ} 0'$

Longitude of the Planets

Day	☉ ♈	♀ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊
Th	1 8 47	22 09	24 38	1 50	5 44	13 12	15 08	5 50	15R56	15 1	
F	2 9 48	23 20	26 09	14 21	48	22 15 44	50	55	55	1	
S	3 10 49	24 35	27 41	26 37	53	32 16 20	51	55	55	1	
Su	4 11 49	25 50	29 13	8 \approx 41	57	41 16 56	52	54	54	0	
M	5 12 50	27 06	0 \ddagger 45	20 36	6 01	51 17 32	53	54	54	0	
T	6 13 51	28 21	2 17	2 \times 26	05	14 00 18 08	54	53	53	0	
W	7 14 52	29 37	3 50	14 16	6 09	14 09 18 44	5 55	15 53	14 5	5	
Th	8 15 53	0 \ddagger 52	5 23	26 11	13	18 19 20	56	52	52	5	
F	9 16 54	2 07	6 56	8 Υ 17	17	27 19 56	58	51	51	5	
S	10 17 55	3 22	8 28	20 38	21	36 20 32	59	50	50	4	
Su	11 18 56	4 38	10 01	3 \times 20	25	44 21 08	6 00	50	50	4	
M	12 19 57	5 53	11 34	16 25	29	53 21 44	02	49	49	4	
T	13 20 58	7 09	13 08	29 56	33	15 02 22 20	03	48	48	4	
W	14 21 59	8 24	14 41	13 Π 50	6 36	15 10 22 55	6 05	15 47	14 3	3	
Th	15 23 00	9 40	16 15	28 05	40	18 23 31	06	47	47	3	
F	16 24 01	10 55	17 48	12 Σ 35	43	26 24 06	07	46	46	2	
S	17 25 02	12 11	19 22	27 12	46	34 24 42	09	45	45	2	
Su	18 26 03	13 26	20 55	11 Ω 50	49	42 25 18	11	44	44	2	
M	19 27 04	14 41	22 29	26 22	52	50 25 54	13	43	43	2	
T	20 28 05	15 56	24 03	10 μ 43	55	57 26 29	14	42	42	2	
W	21 29 07	17 12	25 38	24 50	6 58	16 05 27 05	6 16	15 41	14 1	1	
Th	22 0 vs 08	18 27	27 12	8 \approx 44	7 01	12 27 40	18	40	40	1	
F	23 1 09	19 43	28 47	22 23	04	19 28 16	19	39	39	0	
S	24 2 10	20 58	0 vs 22	5 μ 50	06	26 28 50	21	37	37	0	
Su	25 3 11	22 14	1 57	19 05	09	33 29 26	23	36	36	0	
M	26 4 12	23 29	3 32	2 \ddagger 09	11	40 0 μ 01	25	35	13 5	5	
T	27 5 13	24 45	5 08	15 02	13	47 0 37	27	34	34	5	
W	28 6 15	26 00	6 44	27 45	7 15	16 53 1 11	6 29	15 33	13 5	5	
Th	29 7 16	27 16	8 21	10 vs 17	17	59 1 47	32	32	32	4	
F	30 8 17	28 31	9 57	22 37	19	17 05 2 21	34	31	31	4	
S	31 9 18	29 46	11 34	4 \approx 48	21	11 2 56	36	30	30	4	

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

DECEMBER, 1921

Full Moon December 15th, 2:50 A. M., in Π $22^{\circ} 37'$

Declination of the Planets

Day	S. T.	☉ S	♀ S	♂ S	♂ S	♂ S	♂ S	♂ S	♂ S	♂ S	♂ S
	H. M.	° '	° '	° '	° '	° '	° '	° '	° '	° '	° '
1	16 39	21 46	17 13	17 54	18 30	0 15	4 07	4 44	10 05	16 10	
2	43	56	17 33	18 22	17 37	16	10	58	05	10	
3	47	22 04	17 54	18 50	15 55	18	14	5 11	05	10	
4	51	13	18 14	19 18	13 32	20	17	25	04	10	
5	55	21	18 33	19 44	10 38	21	21	39	04	11	
6	59	28	18 52	20 10	7 19	22	24	53	03	11	
7	17 03	22 35	19 10	20 35	3 42	0 24	4 28	6 07	10 03	16 11	
8	07	42	19 28	20 59	0 05	25	31	20	03	11	
9	11	48	19 46	21 22	3 56	27	34	34	02	11	
10	15	54	20 02	21 44	7 42	28	37	47	02	12	
11	19	59	20 18	22 05	11 13	29	41	7 01	01	12	
12	23	23 04	20 34	22 24	14 18	30	44	14	01	12	
13	27	08	20 49	22 43	16 42	32	47	27	00	12	
14	17 30	23 12	21 03	23 01	18 13	0 33	4 50	7 41	10 00	16 12	
15	34	16	21 17	23 18	18 38	34	53	54	9 59	13	
16	38	19	21 30	23 33	17 51	35	56	8 07	58	13	
17	42	21	21 43	23 47	15 53	36	59	20	58	13	
18	46	23	21 55	24 00	12 55	37	5 02	33	57	13	
19	50	25	22 06	24 12	9 10	38	04	46	57	14	
20	54	26	22 17	24 23	4 55	39	07	59	56	14	
21	17 58	23 27	22 27	24 32	0 27	0 40	5 10	9 12	9 55	16 15	
22	18 02	27 22	22 36	24 40	3 58	41	12	25	54	15	
23	06	27 22	22 45	24 47	8 06	42	15	37	54	15	
24	10	26 22	22 52	24 52	11 46	42	17	50	53	16	
25	14	25 23	23 00	24 56	14 46	43	20	10 03	52	16	
26	18	23 23	23 06	24 59	16 58	44	22	15	51	16	
27	22	21 23	23 12	25 00	18 16	44	24	27	51	17	
28	18 26	23 18	23 17	24 59	18 38	0 45	5 27	10 40	9 50	16 17	
29	30	15	23 21	24 58	18 05	45	29	52	50	17	
30	34	11	23 25	24 55	16 40	46	31	11 04	49	18	
31	37	07	23 28	24 50	14 32	46	33	16	49	18	

TABLE OF PROPORTIONAL LOGARITHMS

Hours or Degrees

Min.	0	1	2	3	4	5	6	7	8	9	10	11
0	3.1584	1.3802	1.0792	9031	7781	6812	6021	5351	4771	4260	3802	3388
1	3.1584	.3730	.0756	07	63	6798	09	41	62	52	3795	82
2	2.8573	.3660	.0720	8983	45	84	5997	30	53	44	88	75
3	.6812	.3590	.0685	59	28	69	85	20	44	36	80	68
4	.5563	.3522	.0649	8935	10	55	73	10	35	28	73	62
5	2.4594	1.3454	1.0614	8912	7692	6741	5961	5300	4726	4220	3766	3355
6	.3802	.3388	.0580	8888	74	26	49	5289	17	12	59	49
7	.3133	.3323	.0546	65	57	12	37	79	08	04	52	42
8	.2553	.3258	.0511	42	39	6698	25	69	4699	4196	45	36
9	.2041	.3195	.0478	19	22	84	13	59	.90	88	38	29
10	2.1584	1.3133	1.0444	8796	7604	6670	5902	5249	4682	4180	3730	3323
11	.1170	.3071	.0411	73	7587	56	5890	39	73	72	23	16
12	.0792	.3010	.0378	51	70	42	78	29	64	64	16	10
13	.0444	.2950	.0345	28	52	28	66	19	55	56	09	03
14	.0122	.2891	.0313	06	35	14	55	09	46	49	02	3297
15	1.9823	1.2833	1.0280	8683	7518	6600	5843	5199	4638	4141	3695	3291
16	.9542	.2775	.0248	61	01	6587	32	89	29	33	88	84
17	.9279	.2719	.0216	39	7484	73	20	79	20	25	81	78
18	.9031	.2663	.0185	17	67	59	09	69	11	17	74	71
19	.8796	.2607	.0153	8595	51	46	5797	59	03	09	67	65
20	1.8573	1.2553	1.0122	8573	7434	6532	5786	5149	4594	4102	3660	3258
21	.8361	.2499	.0091	52	17	19	74	39	85	4094	53	52
22	.8159	.2445	.0061	30	01	05	63	29	77	86	46	46
23	.7966	.2393	.0030	09	7384	6492	52	20	68	79	39	39
24	.7781	.2341	1.0000	8487	68	78	40	10	59	71	32	33
25	1.7604	1.2289	0.9970	8466	7351	6465	5729	5100	4551	4063	3625	3227
26	.7434	.2239	.9940	45	55	51	18	5090	42	55	18	20
27	.7270	.2188	.9910	24	18	38	06	81	34	48	11	14
28	.7112	.2139	.9881	03	02	25	5695	71	25	40	04	08
29	.6960	.2090	.9852	8382	7286	12	84	61	16	32	3597	01
30	1.6812	1.2041	0.9823	8361	7270	6398	5673	5051	4508	4025	3590	3195
31	.6670	.1993	.9794	41	54	85	62	42	4499	17	83	89
32	.6532	.1946	.9765	21	38	72	51	32	91	10	77	83
33	.6398	.1899	.9737	00	22	59	40	23	82	02	70	76
34	.6269	.1852	.9708	8279	06	46	29	13	74	3995	63	70
35	1.6143	1.1806	0.9680	8259	7190	6333	5618	5003	4466	3987	3556	3164
36	.6021	.1761	.9652	39	74	20	07	4994	57	79	49	57
37	.5902	.1716	.9625	19	59	07	5596	84	49	72	42	51
38	.5786	.1671	.9597	8199	43	6294	85	75	40	64	35	45
39	.5673	.1627	.9570	79	28	82	74	65	32	57	29	39
40	1.5663	1.1584	0.9542	8159	7112	6269	5563	4956	4424	3949	3522	3133
41	.5456	.1540	.9515	40	7097	56	52	47	15	42	15	26
42	.5351	.1498	.9488	20	81	43	41	37	07	34	08	20
43	.5249	.1455	.9462	01	66	31	31	28	4399	27	01	14
44	.5149	.1413	.9435	8081	50	18	20	18	90	19	3495	08
45	1.5051	1.1372	0.9409	8062	7035	6205	5509	4909	4382	3912	3488	3102
46	.4956	.1331	.9383	43	20	6193	5498	00	74	05	81	3096
47	.4863	.1290	.9356	23	05	80	88	4890	65	3897	75	89
48	.4771	.1249	.9330	04	6990	68	77	81	57	90	68	83
49	.4682	.1209	.9305	7985	75	55	66	72	49	82	61	77
50	1.4594	1.1170	0.9279	7966	6960	6143	5456	4863	4341	3875	3455	3071
51	.4508	.1130	.9254	47	45	31	45	53	33	68	48	65
52	.4424	.1091	.9228	29	30	18	35	44	24	60	41	59
53	.4341	.1053	.9203	10	15	06	24	35	16	53	35	53
54	.4260	.1015	.9178	7891	00	6094	14	26	08	46	28	47
55	1.4180	1.0977	0.9153	7873	6885	6081	5403	4817	4300	3838	3421	3041
56	.4102	.0939	.9128	54	71	69	5393	08	4292	31	15	35
57	.4025	.0902	.9104	36	56	57	82	4799	84	24	08	28
58	.3949	.0865	.9079	18	41	45	72	89	76	17	01	22
59	.3875	.0828	.9055	00	27	33	61	80	68	09	3395	16

TABLE OF PROPORTIONAL LOGARITHMS

Hours or Degrees

Min.	12	13	14	15	16	17	18	19	20	21	22	23
0	3010	2663	2341	2041	1761	1498	1249	1015	0792	0580	0378	0185
1	04	57	36	36	56	93	45	11	88	77	75	82
2	2998	52	30	32	52	89	41	07	85	73	71	79
3	92	46	25	27	47	85	37	03	81	70	68	75
4	86	41	20	22	43	81	34	0999	77	66	64	72
5	2980	2635	2315	2017	1738	1476	1229	0996	0774	0563	0361	0169
6	74	29	10	12	34	72	25	92	70	59	58	66
7	68	24	05	08	29	68	21	88	66	56	55	63
8	62	18	00	03	25	64	17	84	63	52	52	60
9	56	13	2295	1998	20	60	13	80	59	49	48	57
10	2950	2607	89	1993	1716	1455	1209	0977	0756	0546	0345	0153
11	45	02	84	89	11	51	05	73	52	42	42	50
12	38	2596	79	84	07	47	01	69	49	39	39	47
13	33	91	74	79	02	43	1197	65	45	35	35	44
14	27	85	69	74	1698	38	93	62	42	32	32	41
15	2921	2580	2264	1969	1694	1434	1189	0958	0738	0529	0329	0138
16	15	75	59	65	89	30	85	54	34	25	26	35
17	09	69	54	60	85	26	82	50	31	22	22	32
18	03	64	49	55	80	22	78	47	27	18	19	29
19	2897	58	44	50	76	17	74	43	24	15	16	25
20	2891	2553	2239	1946	1671	1413	1170	0939	0720	0511	0313	0122
21	85	47	34	41	67	09	66	35	17	08	09	19
22	80	42	29	35	63	05	62	32	13	05	06	16
23	74	36	23	32	58	01	58	28	09	01	03	13
24	68	31	18	27	54	1397	54	24	06	0498	00	10
25	2862	2526	2213	1922	1649	1393	1150	0920	0702	0495	0296	0107
26	56	20	08	17	45	88	46	17	0699	91	92	04
27	50	15	03	13	40	84	42	13	95	88	90	01
28	45	09	2198	08	36	80	38	09	92	85	87	0098
29	39	04	93	03	32	76	34	05	88	81	83	94
30	2833	2499	2188	1899	1627	1372	1130	0902	0685	0478	0280	0091
31	27	93	83	94	23	68	26	0898	81	74	77	88
32	21	88	78	90	19	63	23	94	78	71	74	85
33	16	83	73	85	14	59	19	91	74	68	71	82
34	10	77	68	80	10	55	15	87	70	64	67	79
35	2804	2472	2164	1875	1605	1351	1111	0883	0667	0461	0264	0076
36	2798	67	59	71	01	47	07	80	64	58	61	73
37	93	61	54	66	1597	43	03	76	60	54	58	70
38	87	56	49	62	92	39	1099	72	56	51	55	67
39	81	51	44	57	88	35	95	68	53	48	51	64
40	2775	2445	2139	1852	1584	1331	1092	0865	0649	0444	0248	0061
41	70	40	34	48	79	27	88	61	46	41	45	58
42	64	35	29	43	75	22	84	57	42	37	42	55
43	58	30	24	38	71	18	80	54	39	34	39	52
44	53	24	19	34	66	14	76	50	35	31	35	48
45	2747	2419	2114	1829	1562	1310	1072	0846	0632	0428	0232	0046
46	41	14	09	25	58	06	68	43	29	24	29	42
47	36	09	04	20	53	02	64	39	25	21	26	39
48	30	03	2099	16	49	1298	61	35	21	18	23	36
49	24	2398	2095	11	45	94	57	32	18	14	20	33
50	2719	2393	2090	1806	1540	1290	1053	0828	0614	0411	0216	0030
51	13	88	85	02	36	86	49	24	11	08	13	27
52	07	82	80	1797	32	82	45	21	08	04	10	24
53	02	77	75	93	28	78	41	17	04	01	07	21
54	2696	72	70	88	23	74	37	14	01	0398	04	18
55	2691	2367	2065	1784	1519	1270	1034	0810	0597	0394	0201	0015
56	85	62	61	79	15	66	30	06	94	91	0197	12
57	79	56	56	74	10	61	26	03	90	88	94	09
58	74	51	51	70	06	57	22	0799	87	84	91	06
59	68	46	46	65	02	53	18	95	83	81	88	03

ASTRO-DIAGNOSIS—A GUIDE TO HEALING

By MAX HEINDEL *and* AUGUSTA FOSS HEINDEL

A chapter is devoted to each of the parts of the body, and instructions are given in reading the chart for the purpose of diagnosis. Also natural methods for curing diseased conditions are indicated.

Of special value to those engaged in healing or nursing, whether attached to the orthodox medical school or to the nature-cure school. *The authors are recognized authorities in this field.*

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EPHEMERIS OF PLUTO FOR 1922

Date	Long.	Dec.	Date	Long.	Dec.
January 4	8° ☿ 53' _R	19° N 57'	August 2	10° ☿ 17'	20° N 11'
February 3	8° ☿ 19'	20° N 2'	September 1	10° ☿ 52'	20° N 9'
March 5	7° ☿ 57'	20° N 6'	October 1	11° ☿ 9'	20° N 8'
April 4	7° ☿ 55'	20° N 10'	October 31	11° ☿ 6' _R	20° N 7'
May 4	8° ☿ 15' _D	20° N 13'	November 30	10° ☿ 43'	20° N 9'
June 3	8° ☿ 56'	20° N 14'	December 30	10° ☿ 9'	20° N 13'
July 3	9° ☿ 34'	20° N 13'			

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SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

January, 1922

New Moon January 27th, 11:48 P. M., in ♋ 7° 18'

Longitude of the Planets

Day	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
	°	°	°	°	°	°	°	°	°	°	°
Su	1 10 19 1	2 13 11 16	47 7	23 17 17 3	31 6	38 15 28 13	3				
M	2 11 20 2	17 14 48 28	39	25 22 4 6	40	26	3				
T	3 12 22 3	33 16 26 10	✕ 27	26 28 4 40	42	24	3				
W	4 13 23 4	48 18 4 22	15	28 33 5 15	44	23	2				
Th	5 14 24 6	4 19 43 4	♈ 7	29 39 5 50	47	22	2				
F	6 15 25 7	19 21 22 16	9	30 44 6 24	49	21	2				
S	7 16 26 8	35 23 1 28	27 7	31 17 49 6	59 6	51 15 19 13	2				
Su	8 17 27 9	50 24 40 11	8 6	32 53 7 33	54	18	1				
M	9 18 29 11	6 26 20 24	10	33 58 8 8	57	17	1				
T	10 19 30 12	21 28 0 7	♈ 42	34 18 2 8	42 7	0	1				
W	11 20 31 13	37 29 40 21	44	35 7 9 16	3	13					
Th	12 21 32 14	52 1 20 6	♈ 12	35 11 9 50	6	12					
F	13 22 33 16	7 3 1 21	2	36 14 10 25	8	11					
S	14 23 34 17	22 4 41 6	♈ 3 7	36 18 18 10	59 7	11 15 10 12	5				
Su	15 24 35 18	38 6 21 21	7	36 22 11 33	14	8	5				
M	16 25 36 19	53 8 1 6	♈ 4	36 25 12 7	17	6	5				
Tu	17 26 37 21	9 9 41 20	46	36 28 12 41	19	4	4				
W	18 27 38 22	24 11 20 5	♈ 8	R 36 31 13 14	22	2	4				
Th	19 28 39 23	40 12 58 19	9	36 34 13 48	25	0	4				
F	20 29 40 24	55 14 34 2	♈ 48	36 37 14 21	28	14 59	3				
S	21 0 42 26	11 16 10 16	7 7	35 18 39 14	55 7	30 14 58 12	3				
Su	22 1 43 27	26 17 43 29	10	35 41 15 28	33	57	3				
M	23 2 44 28	42 19 16 11	♈ 58	34 43 16 2	36	55	2				
T	24 3 45 29	57 20 43 24	33	33 45 16 35	39	53	2				
W	25 4 46 1 12 22	11 6 13 59	33	33 47 17 9	42	51	2				
Th	26 5 47 2	27 23 31 19	15	32 49 17 42	45	50	2				
F	27 6 48 3	43 24 52 1	♈ 22	31 50 18 15	48	48	1				
S	28 7 49 4	58 26 2 13	23 7	30 18 51 18	48 7	51 14 47 12	1				
Su	29 8 50 6	14 27 12 25	17	28 52 19 21	54	45	1				
M	30 9 51 7	29 28 9 7	♈ 6	27 53 19 53	57	43					
T	31 10 52 8	45 29 6 18	54	25 53 20 26	8	0					

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

January, 1922

Full Moon January 13th, 2:36 P. M., in ϖ 22° 40'

Declination of the Planets

Day	S. T.	☉ S	♀ S	♂ S	♂ S	♂ S	♂ S	♂ S	♂ S	♂ S	♂ S
	H. M.	°	'	°	'	°	'	°	'	°	'
Su	1	18 41	23 3	23 30	24 44	11 49	0 47	5 35	11 28	9 47	16 19
M	2	45 22	58 23	32 24	36 8	38 47	37 47	37 40	46 46	19 19	
Tu	3	49 22	52 23	33 24	27 5	8 48	39 39	52 52	45 45	19 19	
W	4	53 22	46 23	33 24	16 1	25 48	41 41	12 3	44 44	20 20	
Th	5	57 22	40 23	32 24	4 2	N 22 48	43 43	15 15	43 43	20 20	
F	6	19 1	22 33	23 30	23 50	6 7	48 48	44 44	27 27	42 42	21 21
S	7	19 5	22 26	23 28	23 34	9 41	0 49	5 46	12 38	9 41	16 21
Su	8	9 22	18 23	25 23	17 12	54 49	48 48	49 49	40 40	22 22	
M	9	13 22	10 23	22 22	59 15	36 49	49 49	13 1	39 39	22 22	
Tu	10	17 22	2 23	17 22	39 17	33 49	50 50	12 12	38 38	23 23	
W	11	21 21	53 23	12 22	17 18	31 49	52 52	23 23	37 37	23 23	
Th	12	25 21	43 23	7 21	53 18	19 49	53 53	34 34	36 36	24 24	
F	13	29 21	34 23	0 21	29 16	54 49	54 54	45 45	35 35	24 24	
S	14	19 33	21 23	22 53	21 2	14 19	0 49	5 56	13 56	9 34	16 25
Su	15	37 21	13 22	45 20	34 10	46 48	57 57	14 6	33 33	25 25	
M	16	41 21	2 22	36 20	5 6	32 48	58 58	17 17	32 32	26 26	
Tu	17	44 20	50 22	27 19	34 1	S 59 48	59 59	27 27	31 31	26 26	
W	18	48 20	38 22	17 19	2 2	35 48	6 0	38 38	30 30	27 27	
Th	19	52 20	26 22	7 18	29 6	54 47	0 0	48 48	29 29	27 27	
F	20	56 20	14 21	55 17	55 10	44 47	1 1	58 58	28 28	28 28	
S	21	20 0	20 1	21 43	17 19	13 56	0 47	6 2	15 8	9 27	16 28
Su	22	4 19	47 21	31 16	43 16	20 46	2 2	18 18	26 26	29 29	
M	23	8 19	33 21	17 16	6 17	53 46	3 3	28 28	25 25	29 29	
Tu	24	12 19	19 21	3 15	28 18	31 45	4 4	38 38	23 23	30 30	
W	25	16 19	5 20	49 14	50 18	15 44	4 4	48 48	22 22	30 30	
Th	26	20 18	50 20	34 14	12 17	8 44	4 4	57 57	21 21	31 31	
F	27	24 18	35 20	18 13	35 15	15 43	5 5	16 7	20 20	31 31	
S	28	20 28	18 19	20 2	12 58	12 44	0 42	6 5	16 16	9 19	16 32
Su	29	32 18	4 19	45 12	21 9	42 42	5 5	25 25	18 18	32 32	
M	30	36 17	47 19	27 11	47 6	19 41	5 5	34 34	17 17	33 33	
Tu	31	40 17	31 19	9 11	13 2	41 40	5 5	43 43	15 15	33 33	

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

February, 1922

New Moon February 26th, 6:47 P. M., in ♋ 7° 24'

Longitude of the Planets

Day	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
W	11 52	10 02	29 46	0 42	7 R 24	18 54	20 58	8 3	14 R 40	12	
Th	2 12 53	11 15	0 ♋ 27	12 34	22	54 21	31	7	38	11 5	
F	3 13 54	12 30	0 48	24 35	20	R 54 22	3	10	36	5	
S	4 14 55	13 46	1 9	6 8 50	18	54 22	36	13	34	5	
Su	5 15 56	15 1	1 R 9	19 24	16	53 23	8	16	32	4	
M	6 16 57	16 16	1 8	2 II 21	14	53 23	40	20	31	4	
Tu	7 17 57	17 31	0 46	15 47	7 12	18 52	24 12	8 23	14 29	11 4	
W	8 18 58	18 47	0 24	29 42	10	51 24	44	27	27	3	
Th	9 19 59	20 2	29 ♋ 42	14 57	8	50 25	15	30	26	8	
F	10 21	0 21	17 29	0 28 57	5	48 25	47	33	25	3	
S	11 22	0 22	32 28	2 14 Ω 6	3	47 26	18	36	23	2	
Su	12 23	1 23	48 27	5 29 23	0	45 26	50	39	21	2	
M	13 24	1 25	3 25	58 14 m 37	6 58	43 27	21	43	19	2	
Tu	14 25	2 26	18 24	51 29 39	6 54	18 41	27 52	8 46	14 18	11 1	
W	15 26	3 27	33 23	42 14 ♋ 20	52	39 28	23	50	16	1	
Th	16 27	3 28	48 22	34 28 36	49	36 28	54	54	14	1	
F	17 28	4 0 ♋ 3	21 30	12 m 27	45	33 29	24	57	12		
S	18 29	4 1	19 20	26 25 52	42	31 29	55	9 0	11		
Su	19 0	♋ 5 2	34 19	32 8 † 55	39	28 0 † 25		4	9		
M	20 1	5 3	50 18	38 21 38	36	25 0	56	7	7	10 5	
T	21 2	6 5	5 17	57 4 ♋ 5	6 32	18 21	1 26	9 10	14 6	10 5	
W	22 3	6 6	19 17	17 16 19	29	18 1	56	14	5	8	
Th	23 4	6 7	34 16	51 28 24	25	14 2	25	18	3	8	
F	24 5	7 8	49 16	26 10 ♋ 21	22	10 2	55	21	1	4	
S	25 6	7 10	4 16	15 22 14	18	6 3	24	24	0	4	
Su	26 7	7 11	19 16	d 3 4 ♋ 4	14	2 3	54	27	13 59	4	
M	27 8	8 12	34 16	5 15 52	11	17 57	4 23	30	57	8	
Tu	28 9	8 13	49 16	8 27 41	6 7	17 53	4 52	9 33	13 55	10 3	

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

February, 1922

Full Moon February 12th, 1:17 A. M., in Ω $22^{\circ} 34'$

Declination of the Planets

Day	S.	T.	°	S	°	S	°	S	°	N	°	S	°	S	°	S	°	S	°	N		
W	1	20	44	17	14	18	50	10	43	1	3	0	39	6	5	16	52	9	14	16	34	
Th	2		48	16	57	18	31	10	14	4	46		38		5	17	1		13		34	
F	3		52	16	40	18	11	9	49	8	21		37		4		10		12		35	
S	4		55	16	22	17	51	9	28	11	38		36		4		18		11		35	
Su	5		59	16	4	17	30	9	10	14	28		35		4		27		9		36	
M	6	21	3	15	46	17	9	8	56	16	40		34		3		35		8		36	
Tu	7	21	7	15	27	16	47	8	47	18	3	0	33	6	3	17	43	9	7	16	37	
W	8		11	15	9	16	25	8	43	18	24		32		2		52		6		37	
Th	9		15	14	50	16	3	8	43	17	37		31		1	18	0		5		38	
F	10		19	14	30	15	39	8	48	15	38		30		1		8		3		38	
S	11		23	14	11	15	16	8	57	12	32		29		0		15		2		39	
Tu	12		27	13	51	14	52	9	10	8	34		27	5	59		23		1		39	
W	13		31	13	31	14	28	9	26	4	3		26		58		31		0		40	
Th	14	21	35	13	11	14	3	9	45	0	8	40	0	25	5	57	18	38	8	58	16	40
F	15		39	12	51	13	38	10	6	5	15		23		56		45		57		40	
Th	16		43	12	30	13	12	10	29	9	24		22		55		53		55		40	
F	17		47	12	9	12	46	10	53	12	53		21		54	19	0		54		41	
S	18		51	11	48	12	20	11	18	15	35		19		52		7		53		41	
Tu	19		55	11	27	11	54	11	42	17	23		18		51		14		51		42	
W	20		59	11	6	11	27	12	6	18	16		16		50		21		50		42	
Th	21	22	2	10	44	11	0	12	29	18	14	0	15	5	48	19	27	8	49	16	43	
F	22		6	10	22	10	32	12	51	17	21		13		47		34		48		43	
Th	23		10	10	1	10	4	13	11	15	41		11		45		40		47		44	
F	24		14	9	38	9	36	13	29	13	22		10		43		47		45		44	
S	25		18	9	16	9	8	13	46	10	31		8		42		53		44		45	
Tu	26		22	8	54	8	40	14	1	7	15		7		40		59		43		45	
W	27		26	8	32	8	11	14	14	3	41		5		38	20	5		41		46	
Th	28	22	30	8	9	7	42	14	25	0	N	1	0	3	5	36	20	11	8	40	16	46

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

March, 1922

New Moon March 28th, 1:3 P. M., in γ $7^{\circ} 5'$

Longitude of the Planets

Day	☉ ☼	☿ ☿	♀ ♀	♂ ♂	♂ ♂	♂ ♂	♂ ♂	♂ ♂	♂ ♂	♂ ♂	♂ ♂
W	1 10	8 15	4 16	23 9	33 6	R 3	17 8	49 5	20 9	37 13	R 54 10
Th	2 11	8 16	19 16	37 21	31 5	59	44 5	49	41	53	2
F	3 12	9 17	34 17	2 3	8 37	55	39 6	17	44	52	2
S	4 13	9 18	49 17	28 15	55	51	33 6	46	47	50	2
Su	5 14	9 20	4 18	3 28	30	47	28 7	13	51	48	1
M	6 15	9 21	19 18	38 11	II 25	42	23 7	41	55	47	1
Tu	7 16	9 22	34 19	21 24	43 5	38 17	17 8	8 9	58 13	45 10	1
W	8 17	9 23	49 20	4 8	52 28	34	11 8	36 10	1	44	2
Th	9 18	9 25	4 20	54 22	39	30	5 9	3	5	43	2
F	10 19	9 26	18 21	45 7	51 15	25 16	59 9	30	9	42	2
S	11 20	9 27	33 22	41 22	12	21	53 9	57	12	40 9	5
Su	12 21	9 28	48 23	37 7	II 22	16	47 10	24	15	39	5
M	13 22	8 0	7 3	24 39	22 35	12	41 10	50	18	38	5
Tu	14 23	8 1	17 25	41 7	52 42	5	16 34	11 16	10 22	13 37	9 4
W	15 24	8 2	32 26	48 22	34	3	28 11	41	25	35	4
Th	16 25	8 3	46 27	55 7	II 4 4	58	21 12	7	28	34	4
F	17 26	7 5	1 29	6 21	8	54	14 12	32	32	33	4
S	18 27	7 6	16 0	17 4	7 44	49	7 12	58	36	32	3
Su	19 28	7 7	31 1	32 17	54	44	0 13	22	39	31	3
M	20 29	6 8	45 2	47 0	53 41	39 15	53 13	47	42	30	3
Tu	21 0	7 6	10 0	4 6	13 8	4	35 15	46 14	11 10	45 13	29 9
W	22 1	5 11	14 5	25 25	20	30	39 14	35	49	28	2
Th	23 2	5 12	29 6	47 7	52 20	26	32 14	58	52	27	2
F	24 3	4 13	43 8	9 19	12	21	24 15	22	55	26	1
S	25 4	4 14	58 9	34 1	7 1	16	17 15	45	58	25	1
Su	26 5	3 16	12 10	59 12	49	11	10 16	8 11	2	24	1
M	27 6	3 17	27 12	27 24	39	7	2 16	30	5	24	1
Tu	28 7	2 18	41 13	56 6	7 33	4	2 14	54 16	52 11	8 13	23 9
W	29 8	1 19	55 15	28 18	33 3	58	47 17	13	11	22	2
Th	30 9	1 21	9 16	59 0	8 42	53	39 17	35	14	21 8	5
F	31 10	0 22	24 18	33 13	0	48	32 17	56	17	20	5

Day	S.	T.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°		
	S.	T.	S	S	S	N	S	S	S	S	S	S	S	S	S	S	S	S	S	N		
W	1	22	34	7	46	7	13	14	35	3	44	0	2	5	34	20	17	8	38	16	46	
Th	2		38	7	24	6	43	14	42	7	19		N	0	32		23		37		47	
F	3		42	7	1	6	14	14	48	10	39		2		30		28		36		48	
S	4		46	6	38	5	44	14	51	13	34		4		28		34		35		48	
Su	5		50	6	15	5	14	14	53	15	55		6		26		39		33		49	
M	6		54	5	51	4	44	14	54	17	32		7		23		45		32		49	
Tu	7	22	58	5	28	4	14	14	52	18	15	0	9	5	21	20	50	8	31	16	49	
W	8	23		2	5	3	44	14	49	17	56		11		19		55		30		49	
Th	9		6	4	41	3	14	14	44	16	30		13		16	21	0		28		50	
F	10		10	4	18	2	43	14	39	13	59		15		14		5		27		50	
S	11		13	3	54	2	13	14	29	10	29		16		11		10		25		51	
Su	12		17	3	31	1	42	14	19	6	15		18		9		14		24		51	
M	13		21	3	7	1	12	14	8	1	35		20		6		19		23		52	
Tu	14	23	25	2	44	0	41	13	55	3	9	0	22	5	4	21	24	8	22	16	52	
W	15		29	2	20	0	11	13	40	7	37		24		1		28		21		52	
Th	16		33	1	56	0	N	20	13	25	11	30	26	4	58		33		19		52	
F	17		37	1	33	0	51	13	7	14	36		28		56		37		18		53	
S	18		41	1	9	1	22	12	49	16	46		30		53		41		17		53	
Su	19		45	0	45	1	52	12	28	17	58		32		50		45		15		54	
M	20		49	0	22	2	23	12	7	18	12		34		47		49		14		54	
Tu	21	23	53	0	N	2	53	11	44	17	33	0	35	4	45	21	53	8	13	16	54	
W	22		57	0	26	3	24	11	20	16	5		37		42		57		12		54	
Th	23	0	1	0	50	3	54	10	54	13	57		39		39	22	1		10		55	
F	24		5	1	13	4	25	10	27	11	14		41		36		5		9		55	
S	25		9	1	37	4	55	9	59	8	5		43		33		9		8		55	
Su	26		13	2	0	5	25	9	30	4	36		45		30		12		7		55	
M	27		17	2	24	5	55	8	59	0	N	56		47		27		16		6		56
Tu	28	0	20	2	47	6	25	8	27	2	47	0	49	4	24	22	19	8	5	16	56	
W	29		24	3	11	6	55	7	54	6	26		51		21		23		3		56	
Th	30		28	3	34	7	25	7	20	9	51		52		18		26		2		56	
F	31		32	3	57	7	54	6	44	12	54		54		15		29		1		57	

Calculated for Mean Noon at Greenwich

April, 1922

New Moon April 27th, 5:3 A. M., in γ $6^{\circ} 9'$

Longitude of the Planets

Day	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂		
	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂		
S	110	59	23	38	20	7	25	31	3	R 43	14R24	18	17	11	21	13R19	8	5				
Su	211	58	24	52	21	44	8	11	16	39	16	18	37	24	18							
M	312	57	26	6	23	22	21	17	34	8	18	57	27	18								
Tu	413	56	27	21	25	2	4	36	30	0	19	16	30	17								
W	514	55	28	35	26	42	18	15	25	13	53	19	36	33	16							
Th	615	55	29	49	28	25	2	14	21	45	19	54	36	16								
F	716	53	1	8	3	0	7	8	16	32	3	16	13	38	20	13	11	39	13	15	8	3
S	817	52	2	17	1	54	1	11	8	12	29	20	30	42	15							
Su	918	51	3	31	3	40	15	57	7	22	20	48	44	14								
M	1019	50	4	45	5	29	0	52	3	14	21	4	47	14								
Tu	1120	49	5	59	7	17	15	47	2	58	7	21	21	50	13							
W	1221	48	7	13	9	9	0	11	32	54	12	59	21	37	53	13						
Th	1322	47	8	27	11	1	15	2	50	52	21	53	56	12								
F	1423	45	9	41	12	56	29	10	2	45	12	44	22	8	11	59	13	12	8	1		
S	1524	44	10	55	14	51	12	1	54	41	37	22	23	12	2	12						
Su	1625	43	12	9	16	49	26	11	37	29	22	37	5	12								
M	1726	41	13	23	18	47	9	1	4	33	22	22	51	8	12							
Tu	1827	40	14	37	20	48	21	35	29	15	23	3	10	11	7	5						
W	1928	39	15	50	22	49	3	1	49	25	8	23	16	12	11	5						
Th	2029	37	17	4	24	50	15	49	21	1	23	28	14	11	5							
F	210	8	36	18	18	26	56	27	40	2	17	11	54	23	40	12	17	13	11	7	4	
S	221	34	19	32	29	2	9	1	28	13	47	23	50	19	11	4						
Su	232	33	20	45	1	8	8	21	17	10	40	24	1	22	10	4						
M	243	31	21	59	3	16	3	7	10	6	34	24	10	24	10	3						
Tu	254	30	23	12	5	23	15	11	2	27	24	19	27	10	3							
W	265	28	24	26	7	32	27	22	1	58	21	24	27	29	10	3						
Th	276	26	25	39	9	41	9	8	45	55	14	24	36	32	11	3						
F	287	25	26	53	11	50	22	22	1	52	11	8	24	42	12	34	13	11	7	2		
S	298	23	28	6	13	58	5	11	12	49	1	24	49	36	11	2						
Su	309	21	29	20	16	6	18	16	45	10	55	24	55	38	11	2						

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

April, 1922

Full Moon April 11th, 8:43 P. M., in $\approx 21^{\circ} 11'$

Declination of the Planets

Day	S.	T.	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	S.	T.	N	N	S	N	N	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	H.	M.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
S	1	0	36	4	21	8	23	6	8	15	23	0	56	4	12	22	33	8	0	16	57	
Su	2		40	4	44	8	53	5	30	17	11		58		9		36	7	59		57	
M	3		44	5	7	9	21	4	51	18	7	1	0		6		39		58		57	
T	4		48	5	30	9	50	4	11	18	5		2		3		42		56		57	
W	5		52	5	53	10	19	3	30	17	2		3		0		45		55		58	
Th	6		56	6	16	10	47	2	48	14	56		5	3	57		48		54		58	
F	7	1		0	6	38	11	15	2	4	11	53	1	7	3	54	22	51	7	53	16	58
S	8			4	7	1	11	42	1	20	8	3		9		52		54		52		58
Su	9			8	7	23	12	10	0	35	3	39		10		49		57		51		58
M	10			12	7	45	12	37	0	N 11	1	S 1		12		46	23	0		50		58
Tu	11			16	8	8	13	4	1	59	5	37		14		43		3		49		59
W	12			20	8	30	13	30	1	47	9	49		15		40		6		48		59
Th	13			24	8	52	13	57	2	36	13	21		17		37		9		47		59
F	14	1		28	9	13	14	22	3	25	16	0	1	19	3	34	23	12	7	46	16	59
S	15			31	9	35	14	48	4	16	17	38		20		31		15		45		59
Su	16			35	9	56	15	13	5	7	18	15		22		28		17		44		59
M	17			39	10	18	15	38	5	59	17	53		23		26		20		43		59
Tu	18			43	10	39	16	2	6	51	16	38		25		23		23		42		59
W	19			47	11	0	16	26	7	44	14	40		26		20		26		41		59
Th	20			51	11	20	16	50	8	37	12	5		28		18		29		40		59
F	21	1		55	11	41	17	13	9	31	9	2	1	29	3	15	23	31	7	39	16	59
S	22			59	12	1	17	35	10	24	5	38		31		12		34		38		59
Su	23	2		3	12	22	17	58	11	18	2	1		32		10		37		37	17	0
M	24			7	12	41	18	19	12	11	1	N 44		33		7		40		36		0
Tu	25			11	13	1	18	41	13	4	5	26		35		5		43		35		0
W	26			15	13	21	19	1	13	56	8	58		36		2		46		34		0
Th	27			19	13	40	19	22	14	47	12	10		37		0		48		33		0
F	28	2		23	13	59	19	41	15	38	14	52	1	39	2	58	23	51	7	32	17	0
S	29			27	14	18	20	1	16	27	16	53		40		55		54		31	16	59
Su	30			31	14	37	20	19	17	15	18	3		41		53		57		31		59

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

May, 1922

New Moon May 26th, 6:4 P. M., in Π $4^{\circ} 41'$

Longitude of the Planets

Day	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M	1	10	20	0	33	18	14	1	34	1	R 42	10	R 49	25	0	12	41	13	11	7	1
Tu	2	11	18	1	47	20	20	15	4	39	43	25	4	43	12						1
W	3	12	16	3	0	22	25	28	48	36	37	25	8	45	12						1
Th	4	13	14	4	14	24	27	12	♂ 43	33	31	25	11	47	12						
F	5	14	12	5	27	26	29	26	51	30	26	25	14	50	13						
S	6	15	10	6	40	28	27	11	♂ 8	28	21	25	15	51	13						
Su	7	16	8	7	53	0	♂ 25	25	33	1	25	10	16	25	16	12	53	13	13	6	5
M	8	17	6	9	6	2	17	10	♂ 4	23	11	25	16	55	13						5
Tu	9	18	4	10	19	4	9	24	34	20	6	25	R 16	57	14						5
W	10	19	2	11	33	5	56	9	♂ 0	18	1	25	14	58	14						4
Th	11	20	0	12	46	7	42	23	14	15	9	57	25	12	13	0					4
F	12	20	58	13	59	9	22	7	♂ 13	13	52	25	9	2	15						4
S	13	21	56	15	12	11	1	20	52	11	48	25	6	4	16						3
Su	14	22	54	16	25	12	34	4	♂ 9	1	9	9	44	25	2	13	6	13	16	6	3
M	15	23	52	17	38	14	7	17	3	7	40	24	57	8	17						3
Tu	16	24	50	18	51	15	33	29	36	5	36	24	51	10	18						2
W	17	25	47	20	3	16	59	11	♂ 51	3	33	24	44	11	19						2
Th	18	26	45	21	16	18	18	23	53	1	29	24	37	13	19						2
F	19	27	43	22	29	19	36	5	♂ 45	0	26	24	29	15	20						1
S	20	28	41	23	42	20	47	17	34	0	58	23	24	20	16						1
Su	21	29	38	24	55	21	58	29	24	0	57	9	20	24	11	13	17	13	22	6	1
M	22	0	♂ 36	26	8	23	2	11	♂ 20	56	17	24	0	18	23						1
Tu	23	1	34	27	20	24	5	23	28	55	15	23	49	20	24						
W	24	2	31	28	33	25	0	5	♂ 49	54	12	23	37	21	25						
Th	25	3	29	29	45	25	55	18	27	53	10	23	25	22	26						
F	26	4	27	0	♂ 58	26	42	1	♂ 22	52	9	23	12	23	27	5					5
S	27	5	24	2	10	27	29	14	35	51	7	22	58	24	28						5
Su	28	6	22	3	23	28	8	28	3	0	51	9	5	22	44	13	25	13	29	5	5
M	29	7	19	4	35	28	46	11	♂ 44	50	3	22	29	26	30						4
Tu	30	8	17	5	48	29	16	25	36	50	2	22	13	27	31						4
W	31	9	14	7	0	29	45	9	♂ 35	49	1	21	57	28	32						4

Calculated for Mean Noon at Greenwich

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

May, 1922

Full Moon May 11th, 6:6 A. M., in η 19° 46'

Declination of the Planets

Day	S.	T.	☉ N	♀ N	♂ N	☿ N	♂ N	♂ S	♂ S	♂ S	♂ S	♂ S
	H.	M.	°	'	°	'	°	'	°	'	°	'
M	1	2	35	14	55	20	38	18	1	18	16	1
Tu	2		38	15	13	20	55	18	45	17	27	43
W	3		42	15	31	21	12	19	28	15	38	44
Th	4		46	15	49	21	29	20	8	12	52	45
F	5		50	16	6	21	45	20	46	9	20	46
S	6		54	16	23	22	0	21	22	5	12	47
Su	7	2	58	16	40	22	15	21	55	0	s 43	1
M	8	3	2	16	57	22	29	22	26	3	50	49
Tu	9		6	17	13	22	42	22	54	8	10	50
W	10		10	17	29	22	55	23	20	11	59	50
Th	11		14	17	45	23	7	23	43	15	2	51
F	12		18	18	0	23	18	24	3	17	9	52
S	13		22	18	15	23	29	24	22	18	13	53
Su	14	3	26	18	30	23	39	24	37	18	15	1
M	15		30	18	45	23	49	24	51	17	19	54
Tu	16		34	18	59	23	58	25	2	15	34	54
W	17		38	19	13	24	6	25	11	13	9	55
Th	18		42	19	26	24	13	25	18	10	12	55
F	19		45	19	39	24	20	25	23	6	52	56
S	20		49	19	52	24	26	25	26	3	17	56
Su	21	3	53	20	5	24	31	25	28	0	N 26	1
M	22		57	20	17	24	36	25	27	4	11	57
Tu	23	4	1	20	29	24	40	25	25	7	48	57
W	24		5	20	40	24	43	25	22	11	10	57
Th	25		9	20	51	24	46	25	17	14	6	57
F	26		13	21	2	24	47	25	10	16	24	58
S	27		17	21	13	24	49	25	3	17	53	58
Su	28	4	21	21	23	24	49	24	54	18	25	1
M	29		25	21	32	24	48	24	44	17	53	58
Tu	30		29	21	42	24	47	24	33	16	18	58
W	31		33	21	51	24	46	24	21	13	45	58

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

June, 1922

New Moon June 25th, 4:19 A. M., in ϖ $2^{\circ} 50'$

Longitude of the Planets

Day	☉ ♈	♀ ♊	♂ ♉	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈
	°	°	°	°	°	°	°	°	°	°	°
Th	1 10	12 8	13 0	6 23	39 0	R 49 9	R 0 21	R 40 13	29 13	33 5	3
F	2 11	9 9	25 0	26 7	m 46	49 8	59 21	24	30	35	3
S	3 12	7 10	37 0	38 21	54	D 49	59 21	7	30	36	3
Su	4 13	4 11	49 0	49 6	= 3	49	58 20	49	31	37	2
M	5 14	1 13	2 0	51 20	11	49	58 20	31	31	38	2
Tu	6 14	59 14	14 0	53 4	m 16	49	D 58 20	12	32	40	2
W	7 15	57 15	26 0	R 48 18	16 0	49 8	59 19	53 13	32 13	41 5	1
Th	8 16	54 16	38 0	39 2	f 7	50	59 19	34	33	42	1
F	9 17	51 17	50 0	24 15	46	50	59 19	15	33	44	1
S	10 18	49 19	2 0	8 29	10	51 9	0 18	55	34	46	
Su	11 19	46 20	14 29	II 46 12	v 16	52	1 18	36	34	47	
M	12 20	43 21	25 29	23 25	4	53	2 18	16	34	48	
Tu	13 21	40 22	37 28	55 7	w 33	54	3 17	57	34	50	
W	14 22	38 23	49 28	27 19	46 0	55 9	4 17	37 13	35 13	52 4	5
Th	15 23	35 25	1 27	55 1	κ 47	56	6 17	17	35	53	5
F	16 24	32 26	12 27	22 13	39	57	8 16	57	35	55	5
S	17 25	30 27	24 26	48 25	28	58	10 16	38	35	56	4
Su	18 26	27 28	36 26	14 7	γ 19 1	0	12 16	19	36	58	4
M	19 27	24 29	48 25	41 19	17	1	14 16	0	36	59	4
Tu	20 28	21 0	Ω 59 25	7 1	δ 28	3	16 15	41	36 14	1	3
W	21 29	19 2	10 24	36 13	55 1	5 9	19 15	23 13	R 36 14	3 4	3
Th	22 0	σ 16 3	21 24	6 26	43	7	22 15	5	36	5	3
F	23 1	13 4	33 23	40 9	II 53	9	25 14	47	36	6	2
S	24 2	10 5	44 23	14 23	25	11	28 14	30	35	8	2
Su	25 3	8 6	55 22	55 7	σ 17	13	31 14	13	35	10	2
M	26 4	5 8	6 22	35 21	24	15	35 13	57	34	12	1
Tu	27 5	2 9	17 22	24 5	Ω 41	17	38 13	42	34	13	1
W	28 5	59 10	28 22	13 20	3 1	20 9	42 13	27 13	34 14	15 4	1
Th	29 6	57 11	39 22	10 4	m 25	23	46 13	13	33	17	
F	30 7	54 12	50 22	8 18	43	25	50 12	59	33	19	

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

June, 1922

Full Moon June 9th, 3:57 P. M., in \uparrow $18^{\circ} 1'$

Declination of the Planets

Day	S.	T.	☉ N	♀ N	♂ N	☿ N	♂ N	♂ S	♂ S	♂ S	♂ N										
	H.	M.	°	'	°	'	°	'	°	'	°	'									
Th	1	4	37	21	59	24	43	24	8	10	22	1	58	2	15	25	36	7	12	16	53
F	2		41	22	7	24	40	23	55	6	23		57		15		38		12		53
S	3		45	22	15	24	36	23	40	2	2		57		15		41		12		52
Su	4		49	22	22	24	31	23	25	2	27		57		15		43		12		52
M	5		53	22	29	24	26	23	10	6	47		57		15		46		11		52
Tu	6		56	22	36	24	20	22	53	10	43		57		15		48		11		51
W	7	5	0	22	42	24	13	22	37	14	11	1	56	2	15	25	50	7	11	16	51
Th	8		4	22	48	24	5	22	20	16	30		56		16		52		11		51
F	9		8	22	53	23	57	22	3	17	59		55		16		54		11		50
S	10		12	22	58	23	49	21	46	18	27		55		17		55		11		50
Su	11		16	23	3	23	39	21	29	17	54		54		17		57		11		49
M	12		20	23	7	23	29	21	12	16	27		54		18		59		10		49
Tu	13		24	23	11	23	18	20	55	14	15		53		19	26	0		10		48
W	14	5	28	23	14	23	7	20	39	11	28	1	53	2	19	26	1	7	10	16	48
Th	15		32	23	17	22	55	20	23	8	14		52		20		2		10		47
F	16		36	23	20	22	42	20	8	4	43		51		21		3		10		47
S	17		40	23	22	22	28	19	53	1	N 1		50		22		4		10		46
Su	18		44	23	24	22	14	19	40	2	44		50		23		5		10		46
M	19		48	23	25	22	0	19	28	6	24		49		24		6		10		45
Tu	20		52	23	26	21	45	19	16	9	53		48		26		6		10		45
W	21	5	56	23	27	21	29	19	6	13	0	1	47	2	27	26	7	7	10	16	44
Th	22	6	0	23	27	21	13	18	58	15	35		46		28		7		11		44
F	23		3	23	26	20	56	18	51	17	26		45		30		8		11		43
S	24		7	23	26	20	38	18	45	18	22		44		31		8		11		43
Su	25		11	23	25	20	20	18	41	18	15		43		33		8		11		42
M	26		15	23	23	20	2	18	38	17	1		42		34		8		11		42
Tu	27		19	23	21	19	43	18	38	14	42		41		36		8		11		41
W	28	6	23	23	19	19	23	18	38	11	29	1	40	2	37	26	8	7	12	16	41
Th	29		27	23	16	19	3	18	41	7	35		39		39		8		12		41
F	30		31	23	13	18	43	18	44	3	15		37		41		8		12		40

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

July, 1922

New Moon July 24th, 0:47 P. M., in Ω $0^{\circ} 49'$

Longitude of the Planets

Day	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S	18	51	14	122	15	2	54	1	28	9	54	12R	46	13R	32	14	21	4		
Su	29	48	15	12	22	23	16	57	31		59	12	34		31		23			
M	310	45	16	23	22	40	0	m	52	34	10	3	12	23	31		25	3		
Tu	411	43	17	33	22	58	14	38	37		8	12	12		30		27			
W	512	40	18	44	23	25	28	16	40		13	12	2		30		29			
Th	613	37	19	54	23	52	11	f	43	43		18	11	53	29		31			
F	714	34	21	5	24	30	24	58	1	47	10	23	11	45	13	28	14	33	3	
S	815	31	22	15	25	7	8	v	1	50		28	11	37		27		35		
Su	916	29	23	26	25	54	20	50		53		34	11	30		26		37		
M	1017	26	24	36	26	41	3	w	24	56		40	11	24		25		39		
T	1118	23	25	46	27	37	15	44	2	0		45	11	19		24		41		
W	1219	20	26	56	28	34	27	52		4		51	11	15		23		43		
Th	1320	17	28	6	29	40	9	x	49	8		57	11	12		22		45		
F	1421	15	29	16	0	5	46	21	39	2	11	11	4	11	9	13	21	14	47	3
S	1522	12	0	m	26	2	1	3	r	27	15		10	11	7		20		49	
Su	1623	9	1	35	3	16	15	17		19		16	11	6		18		51		
M	1724	6	2	45	4	40	27	15		24		23	11	D	6		17		53	
Tu	1825	4	3	55	6	4	9	8	26	28		30	11	7		16		55		
W	1926	1	5	4	7	36	21	55		32		37	11	9		14		57		
Th	2026	58	6	13	9	9	4	II	47	36		44	11	11		12		59		
F	2127	55	7	23	10	49	18	4	2	41	11	51	11	14	13	11	15	1	3	
S	2228	53	8	32	12	29	1	5	46	45		58	11	18		9		3	2	
Su	2329	50	9	41	14	16	15	53		50	12	5	11	23		8		5		
M	240	47	10	50	16	3	0	5	20	54		13	11	29		6		8		
Tu	251	45	11	59	17	56	15	1		59		20	11	36		4		10		
W	262	42	13	8	19	49	29	47	3	4		28	11	43		3		13		
Th	273	39	14	17	21	48	14	m	31	9		35	11	51		1		15		
F	284	37	15	26	23	46	29	8	3	13	12	44	12	0	13	0	15	17	2	
S	295	34	16	35	25	48	13	32		18		52	12	10	12	59		20		
Su	306	31	17	43	27	50	27	41		23	13	1	12	20		57		22		
M	317	29	18	51	29	54	11	m	34	29		9	12	31		55		24		

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

July, 1922

Full Moon July 9th, 3:7 A. M., in $\text{♋ } 16^{\circ} 7'$

Declination of the Planets

Day	S.	T.	☉ N	♀ N	♂ N	♂ S	♂ N	♂ S	♂ S	♂ S	♂ S	♂ N									
	H.	M.	°	'	°	'	°	'	°	'	°	'									
S	1	6	35	23	9	18	22	18	50	1	13	1	36	2	43	26	8	7	12	16	39
Su	2		39	23	5	18	0	18	56	5	36		35		45		8		13		39
M	3		43	23	1	17	38	19	4	9	37		33		47		7		13		38
Tu	4		47	22	56	17	16	19	13	13	4		32		49		7		13		38
W	5		51	22	51	16	53	19	23	15	46		31		51		7		14		37
Th	6		55	22	45	16	30	19	34	17	34		29		53		7		14		37
F	7	6	59	22	39	16	6	19	46	18	23	1	28	2	56	26	7	7	14	16	36
S	8	7	3	22	33	15	42	19	59	18	13		26		58		6		15		36
Su	9		7	22	26	15	18	20	12	17	6		25	3	0		6		15		35
M	10		11	22	19	14	53	20	25	15	11		23		3		6		15		35
Tu	11		14	22	11	14	28	20	39	12	36		21		5		6		15		34
W	12		18	22	3	14	2	20	53	9	31		20		8		6		16		34
Th	13		22	21	55	13	37	21	6	6	5		18		10		6		16		33
F	14	7	26	21	46	13	10	21	19	2	27	1	16	3	13	26	6	7	17	16	32
S	15		30	21	37	12	44	21	32	1	N 17		15		16		6		17		32
Su	16		34	21	28	12	17	21	45	4	58		13		18		6		18		31
M	17		38	21	18	11	50	21	56	8	29		11		21		7		18		31
Tu	18		42	21	8	11	23	22	6	11	43		9		24		7		19		30
W	19		46	20	57	10	55	22	15	14	30		7		27		7		19		30
Th	20		50	20	46	10	28	22	23	16	40		5		30		7		20		29
F	21	7	54	20	35	10	0	22	29	18	0	1	4	3	33	26	8	7	20	16	29
S	22		58	20	23	9	31	22	33	18	22		2		36		8		21		28
Su	23	8	2	20	12	9	3	22	35	17	37		0		39		9		22		27
M	24		6	19	59	8	34	22	35	15	44	0	58		42		9		23		26
Tu	25		10	19	47	8	5	22	32	12	48		56		45		10		23		26
W	26		14	19	34	7	36	22	27	9	3		54		48		11		24		25
Th	27		18	19	21	7	7	22	20	4	44		51		52		12		25		25
F	28	8	21	19	7	6	38	22	10	0	S 10	0	49	3	55	26	12	7	25	16	24
S	29		25	18	53	6	8	21	57	4	20		47		58		13		26		23
Su	30		29	18	39	5	38	21	41	8	31		45	4	2		14		27		22
M	31		33	18	24	5	8	21	23	12	9		43		5		15		27		21

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

August, 1922

New Moon August 22nd, 8:34 P. M., in Ω $28^{\circ} 57'$

Longitude of the Planets

Day	\odot Ω	\ominus \cap	\uparrow Ω	\downarrow \cap	Υ \cap	♄ \cap	♅ ♄	♆ ♄	♁ ♄	♂ ♄	♂ ♄
Tu	18 26	19 59	1 58	25 11	3 34	13 18	12 43	12R53	15 26	2 25	
W	29 24	21 7	4 38	2 34	39 26	12 56		51 28		21	
Th	310 21	22 15	6 9	21 42	44 35	13 9		49 30		18	
F	411 19	23 23	8 14	4 37	50 44	13 23		47 32		15	
S	512 16	24 31	10 19	17 20	55 53	13 37		45 34		12	
Su	613 13	25 39	12 23	29 50	4 1	14 2	13 52	43 36		9	
M	714 11	26 46	14 27	12 9	4 6	14 11	14 8	12 41	15 38	2 5	
Tu	815 8	27 53	16 29	24 18	12 20	14 25		39 40		2	
W	916 6	29 0	18 31	6 17	18 29	14 42		37 43	1 59		
Th	1017 3	0 7	20 31	18 9	24 38	15 0		35 46		56	
F	1118 1	1 14	22 31	29 57	29 48	15 19		33 48		53	
S	1218 59	2 21	24 29	11 44	35 58	15 38		31 50		50	
Su	1319 56	3 28	26 26	23 34	41 15	8 15	57 29	52 47			
M	1420 54	4 34	28 20	5 31	47 15	17 16	17 12	26 15	54 1	44	
Tu	1521 51	5 40	0 15	17 42	53 27	16 38		24 56		41	
W	1622 49	6 46	2 7	0 9	59 37	16 59		22 58		37	
Th	1723 47	7 53	3 59	12 59	5 47	17 21		20 16	1 34		
F	1824 45	8 59	5 48	26 14	11 57	17 43		18 3		31	
S	1925 42	10 47	37 9	57 57	17 16	8 18	6 15	5 28			
Su	2026 40	11 10	9 23	24 7	24 18	18 29		13 7		25	
M	2127 38	12 15	11 9	8 42	30 16	29 18	53 12	11 16	10 1	21	
Tu	2228 36	13 20	12 53	23 34	37 39	19 18		8 12		18	
W	2329 34	14 25	14 36	8 37	43 50	19 43		6 14		15	
Th	240 32	15 29	16 16	23 42	50 17	0 20	8 4	16 12			
F	251 29	16 34	17 57	8 38	56 11	20 34		2 19		9	
S	262 27	17 38	19 35	23 21	3 22	21 0	11 59	21 6			
Su	273 25	18 43	21 13	7 44	9 33	21 27		57 23		2	
M	284 23	19 47	22 48	21 45	16 17	44 21	54 11	55 16	25 0	59	
Tu	295 21	20 50	24 23	5 24	22 55	22 21		52 27		56	
W	306 19	21 54	25 59	18 41	29 18	6 22	49 50	29 53			
Th	317 17	22 57	27 29	1 40	36 17	23 18		48 31		50	

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

August, 1922

Full Moon August 7th, 4:18 P. M., in ♋ 14° 21'

Declination of the Planets

Day	S.	T.	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂
	S.	T.	N	N	N	S	N	S	S	S	S	N
Tu	1	8	37°18'10"	39°21'2"	2°15'20"	41°4'9"	26°16'7"	28°16'21"				
W	2		41°17'55"	9°20'39"	17°4'38"	12°17'29"						
Th	3		45°17'39"	3°38'20"	14°18'9"	36°16'18"	30°20'					
F	4		49°17'24"	8°19'46"	18°15'34"	19°19'31"	20°19'					
S	5		53°17'8"	2°38'19"	16°17'27"	32°23'20"	31°31'					
Su	6		57°16'51"	8°18'44"	15°48'29"	27°22'32"	18°32'					
M	7	9	1°16'35"	37°18'10"	13°28'0"	27°4'30"	26°23'7"	33°16'17"				
Tu	8		5°16'18"	7°17'35"	10°33'25"	34°24'33"						
W	9		9°16'20"	36°16'58"	7°15'22"	38°25'34"	16°16'					
Th	10		13°15'44"	6°16'20"	3°41'20"	42°26'35"	16°16'					
F	11		17°15'26"	0°25'15"	40°0'1"	17°46'28"	36°15'					
S	12		21°15'8"	0°55'15"	3°42'15"	49°29'37"	14°14'					
Su	13		25°14'50"	1°26'14"	18°7'15"	13°53'30"	38°13'					
M	14	9	28°14'32"	56°13'36"	10°32'0"	10°4'57"	26°31'7"	38°16'12"				
Tu	15		32°14'14"	27°12'53"	13°26'8"	5°1'33"	39°12'					
W	16		36°13'55"	57°12'10"	15°47'5"	5°34'40"	11°11'					
Th	17		40°13'36"	27°11'26"	17°26'2"	9°35'41"	11°11'					
F	18		44°13'17"	58°10'41"	18°12'5"	13°36'42"	10°10'					
S	19		48°12'57"	28°9'57"	17°57'3"	17°37'43"	10°10'					
Su	20		52°12'38"	58°9'12"	16°36'5"	21°38'44"	9°9'					
M	21	9	56°12'18"	28°8'27"	14°9'0"	8°5'26"	26°39'7"	45°16'8"				
Tu	22	10	0°11'58"	58°7'42"	10°44'10"	30°40'45"						
W	23		4°11'38"	28°6'56"	6°34'13"	34°41'46"						
Th	24		8°11'18"	58°6'11"	1°59'16"	38°42'47"						
F	25		12°10'57"	27°5'26"	2°42'18"	42°43'48"						
S	26		16°10'36"	57°4'41"	7°8'21"	47°43'49"						
Su	27		20°10'15"	26°3'56"	11°3'24"	51°44'50"						
M	28	10	24°9'54"	55°3'12"	14°13'0"	26°5'55"	26°45'7"	51°16'4"				
Tu	29		28°9'33"	24°2'27"	16°30'29"	6°0'45"	52°3'					
W	30		32°9'12"	53°1'43"	17°50'32"	4°46'53'						
Th	31		36°8'50"	21°10'59"	18°11'35"	8°46'54'						

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

September, 1922

New Moon September 21st, 4:38 A. M., in $\text{m} 27^{\circ} 23'$

Longitude of the Planets

Day	☉ ♌	♀ ♍	♂ ♎	♄ ♏	♃ ♐	♅ ♑	♁ ♒	♂ ♓	♁ ♓	♄ ♏	♅ ♑
F	18 15 24	0 28 59	14 22 6	43 18 28	23 46 11	R 45 16 33	0 46				
S	29 13 25	3 0 29	26 49	49	40 24 15	43	36	43			
Su	3 10 12	6 1 56	9 4	56	51 24 45	41	38	40			
M	4 11 10	8 3 24	21 10 7	3 19	3 25 15	38	40	37			
Tu	5 12 8	10 4 49	3 8	10	14 25 45	36	42	33			
W	6 13 6	11 6 14	15 0	17	26 26 16	33	44	30			
Th	7 14 4	0 12 7	36 26 49	7 24 19	37 26 47	11 31 16	46 0	27			
F	8 15 2	13 8 58	8 36	31	49 27 18	28	48	24			
S	9 16 1	13 10 17	20 24	38 20	1 27 49	26	50	21			
Su	10 16 59	3 14 11	36 2 8	17 45	13 28 21	23	52	17			
M	11 17 57	4 14 12	52 14 17	52	25 28 53	21	54	14			
Tu	12 18 56	5 14 14	8 26 29	59	37 29 26	19	56	11			
W	13 19 54	6 13 15	21 8 56	8 6	49 29 59	17	58	8			
Th	14 20 53	7 12 16	34 21 42	8 13 21	1 0 32	11 14 17	0 0	4			
F	15 21 51	8 10 17	43 4 52	20	13 1 5	12	1	1			
S	16 22 50	9 9 18	52 18 27	28	25 1 39	10	3 29	m 54			
Su	17 23 48	10 7 19	57 2 29	35	37 2 13	8	5	55			
M	18 24 47	11 5 21	2 16 57	42	49 2 47	5	7	52			
Tu	19 25 45	12 1 22	3 1 m 47	49 22	1 3 21	3	9	49			
W	20 26 44	12 58 23	3 16 52	57	14 3 56	1	11	46			
Th	21 27 43	13 54 23	58 2 4	9 4 22	26 4 31	10 58 17	13 29	42			
F	22 28 42	14 50 24	53 17 14	11	39 5 7	55	14	39			
S	23 29 40	15 45 25	42 2 m 11	18	51 5 42	53	16	36			
Su	24 0 39	16 39 26	31 16 50	26 23	4 6 18	51	18	33			
M	25 1 38	17 33 27	12 1 4	33	16 6 54	49	20	29			
Tu	26 2 37	18 27 27	54 14 51	41	29 7 30	47	21	26			
W	27 3 36	19 20 28	27 23 13	48	41 8 7	45	23	23			
Th	28 4 35	20 12 29	0 11 10	9 55 23	54 8 44	10 43 17	25 29	20			
F	29 5 34	21 4 29	24 23 47	10 2 24	6 9 21	41	27	17			
S	30 6 33	21 55 29	47 6 6	10	19 9 58	38	28	14			

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

September, 1922

Full Moon September 6th, 7:47 A. M., in $\times 12^{\circ} 56'$

Declination of the Planets

Day	S.	T.	☉ N	♀ S	♂ N	♂ S	♂ S	♂ S	♂ S	♂ S	♂ S	♂ S
	H.	M.	°	'	°	'	°	'	°	'	°	'
F	1	10	39	8	29	10	50	0	16	17	37	0
S	2		43	8	7	11	18	0 s	27	16	12	40
Su	3		47	7	45	11	46	1	9	14	3	43
M	4		51	7	23	12	14	1	51	11	20	46
Tu	5		55	7	1	12	41	2	33	8	9	48
W	6		59	6	39	13	8	3	14	4	40	51
Th	7	11	3	6	16	13	35	3	55	1	1	0
F	8		7	5	54	14	2	4	34	2	N 40	57
S	9		11	5	31	14	29	5	14	6	14	1
Su	10		15	5	9	14	55	5	52	9	35	3
M	11		19	4	46	15	21	6	30	12	35	5
Tu	12		23	4	23	15	46	7	7	15	4	8 7
W	13		27	4	0	16	11	7	43	16	54	11
Th	14	11	31	3	37	16	36	8	18	17	57	1
F	15		35	3	14	17	1	8	53	18	5	17
S	16		39	2	51	17	25	9	26	17	12	20
Su	17		43	2	28	17	49	9	59	15	16	23
M	18		46	2	5	18	12	10	30	12	19	25
Tu	19		50	1	41	18	35	11	0	8	31	28
W	20		54	1	18	18	58	11	29	4	6	31
Th	21	11	58	0	55	19	21	11	56	0 s	38	1
F	22	12	2	0	31	19	43	12	23	5	18	37
S	23		6	0	8	20	4	12	47	9	34	40
Su	24		10	0 s	15	20	25	13	10	13	8	43
M	25		14	0	39	20	46	13	31	15	49	46 8
Tu	26		18	1	2	21	6	13	50	17	30	48
W	27		22	1	26	21	26	14	7	18	8	51
Th	28	12	26	1	49	21	46	14	22	17	48	1
F	29		30	2	12	22	5	14	35	16	35	57
S	30		34	2	36	22	23	14	45	14	36	2
Th	28	12	26	1	49	21	46	14	22	17	48	1
F	29		30	2	12	22	5	14	35	16	35	57
S	30		34	2	36	22	23	14	45	14	36	2

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

October, 1922

New Moon October 20th, 1:40 P. M., in α $26^{\circ} 23'$

Longitude of the Planets

Day	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
Su	1° 7'	31° 22'	44° 29'	59° 18'	13° 10'	18° 24'	32° 10'	35° 10°	36° 17'	30° 29'	1° 29'
M	2° 8'	31° 23'	34° 00'	10° 0'	10° 0'	25° 0'	45° 11'	12° 34'	32° 32'		
Tu	3° 9'	30° 24'	23° 0'	8° 12'	0° 32'	57° 11'	50° 32'	33° 33'			
W	4° 10'	29° 25'	11° 0'	6° 23'	48° 39'	25° 10'	12° 28'	30° 34'			
Th	5° 11'	28° 25'	58° 29'	50° 5'	36° 47'	23° 13'	6° 28'	36° 28'	5° 5'		
F	6° 12'	27° 26'	45° 29'	33° 17'	26° 54'	36° 13'	44° 26'	38° 38'	5° 5'		
S	7° 13'	26° 27'	30° 29'	1° 29'	20° 11'	25° 49'	14° 22'	10° 24'	17° 39'	28° 5°	
Su	8° 14'	25° 28'	15° 28'	28° 11'	20° 8°	26° 9°	15° 1°	22° 40'			
M	9° 15'	25° 28'	59° 27'	40° 23'	29° 17'	15° 15'	40° 21°	41° 41°			
Tu	10° 16'	24° 29'	42° 26'	51° 5'	48° 24°	28° 16'	19° 19°	43° 43°			
W	11° 17'	23° 0'	23° 25'	49° 18'	21° 31°	41° 16'	58° 17°	44° 44°			
Th	12° 18'	23° 1°	4° 24°	47° 1°	9° 38°	54° 17°	38° 15°	45° 45°			
F	13° 19'	22° 1°	43° 23°	36° 14°	15° 45°	27° 7°	18° 17°	46° 14°			
S	14° 20'	22° 2°	22° 22°	26° 27°	42° 11°	53° 27°	20° 18°	57° 10°	13° 17°	48° 28°	3° 28°
Su	15° 21'	21° 2°	58° 21°	13° 11°	32° 12°	0° 33°	19° 36°	11° 11°	49° 49°		
M	16° 22'	21° 3°	35° 20°	1° 25°	45° 8°	46° 20°	16° 9°	50° 50°			
Tu	17° 23'	20° 4°	10° 18°	55° 10°	19° 15°	59° 20°	56° 8°	51° 51°			
W	18° 24'	20° 4°	44° 17°	49° 25°	10° 22°	28° 12°	21° 36°	6° 52°			
Th	19° 25'	19° 5°	15° 16°	58° 10°	13° 29°	25° 22°	16° 4°	53° 53°			
F	20° 26'	19° 5°	46° 16°	5° 25°	20° 37°	38° 22°	57° 3°	54° 54°			
S	21° 27'	19° 6°	14° 15°	33° 10°	20° 12°	44° 28°	51° 23°	37° 10°	2° 17°	55° 28°	5° 28°
Su	22° 28'	18° 6°	43° 15°	0° 25°	6° 51°	29° 4°	24° 18°	0° 56°			
M	23° 29'	18° 7°	8° 14°	50° 9°	30° 59°	17° 24°	59° 9°	59° 57°			
Tu	24° 00'	18° 7°	33° 14°	40° 23°	27° 13°	6° 30°	25° 40°	57° 58°	27° 5°		
W	25° 1°	18° 7°	55° 14°	52° 6°	56° 13°	43° 26°	21° 56°	59° 59°			
Th	26° 2°	18° 8°	16° 15°	4° 19°	58° 20°	57° 27°	2° 55°	18° 0°			
F	27° 3°	18° 8°	34° 15°	37° 2°	36° 27°	0° 10°	27° 43°	54° 54°	1° 4°		
S	28° 4°	18° 8°	52° 16°	9° 14°	54° 13°	34° 0°	23° 28°	25° 9°	53° 18°	2° 27°	4° 27°
Su	29° 5°	18° 9°	6° 16°	58° 26°	57° 41°	36° 29°	6° 52°	2° 4°			
M	30° 6°	17° 9°	20° 17°	47° 8°	50° 48°	49° 29°	48° 51°	4° 4°			
Tu	31° 7°	17° 9°	29° 18°	50° 20°	38° 55°	1° 2°	0° 30°	50° 5°			

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

October, 1922

Full Moon October 6th, 0:58 A. M., in γ $12^{\circ} 0'$

Declination of the Planets

Day	S.	T.	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	N
Su	1	12	38	2	59	22	41	14	51	12	1	2	3	8	31	25	50	8	20	15	44
M	2		42	3	22	22	59	14	55	8	58		6		36		45		21		44
Tu	3		46	3	46	23	16	14	55	5	34		9		41		40		22		43
W	4		50	4	9	23	33	14	52	1	57		11		45		35		23		43
Th	5		54	4	32	23	49	14	45	1	N 44		14		50		30		23		43
F	6		57	4	55	24	5	14	33	5	22		17		55		25		24		43
S	7	13	1	5	18	24	20	14	18	8	48	2	20	9	0	25	19	8	24	15	42
Su	8		5	5	41	24	34	13	57	11	54		23		4		14		25		42
M	9		9	6	4	24	48	13	32	14	32		26		9		8		26		41
Tu	10		13	6	27	25	2	13	3	16	32		29		14		2		27		41
W	11		17	6	50	25	15	12	29	17	47		31		19	24	55		27		41
Th	12		21	7	12	25	28	11	52	18	11		34		23		49		28		40
F	13		25	7	35	25	39	11	11	17	37		37		28		42		28		40
S	14	13	29	7	57	25	51	10	27	16	4	2	40	9	33	24	35	8	29	15	39
Su	15		33	8	20	26	2	9	42	13	33		43		37		28		30		39
M	16		37	8	42	26	12	8	56	10	10		46		42		21		30		39
Tu	17		41	9	4	26	22	8	11	6	5		48		47		13		31		38
W	18		45	9	26	26	31	7	27	1	32		51		51		5		32		38
Th	19		49	9	48	26	39	6	47	3	s 10		54		56	23	57		32		38
F	20		53	10	9	26	47	6	11	7	41		57	10	1		49		33		37
S	21	13	57	1	31	26	54	5	39	11	40	2	59	10	5	23	41	8	33	15	37
Su	22	14	1	10	52	27	1	5	13	14	51	3	2		10		32		34		37
M	23		4	11	14	27	7	4	52	17	1		5		15		23		34		36
Tu	24		8	11	35	27	13	4	37	18	6		8		19		14		35		36
W	25		12	11	56	27	17	4	29	18	6		10		24		5		35		36
Th	26		16	12	16	27	21	4	25	17	7		13		29	22	56		35		35
F	27		20	12	37	27	25	4	28	15	20		16		33		46		36		35
S	28	14	24	12	57	27	27	4	35	12	52	3	18	10	38	22	36	8	36	15	35
Su	29		28	13	17	27	29	4	47	9	54		21		42		26		37		35
M	30		32	13	37	27	31	5	3	6	34		23		47		16		37		35
Tu	31		36	13	57	27	31	5	23	2	59		26		52		6		37		35

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

November, 1922

New Moon November 19th, 0:6 A. M., in η 25° 53'

Longitude of the Planets

Day	☉ η	♀ \uparrow	♂ \equiv	♂ Υ	♂ \equiv	♂ η	♂ \sim	♂ \times	♂ Ω	♂ η
W	18 18:9	39 19 53	2 25 14	2 15 12	9 R 49	18 5 27	3			
Th	29 18 9	44 21 6	14 15 9	28 1 54	49 6	3				
F	3 10 18:9	49 22 19	26 10 16	41 2 36	48 6	2				
S	4 11 18:9	R 49 23 39	8 8 13	23 54 3	18 47	7 2				
Su	5 12 18:9	49 25 0	20 26 30	2 7 4	0 46	7 2				
M	6 13 18:9	45 26 26	2 II 49	36 20 4	42 46	8 1				
Tu	7 14 18:9	40 27 52	15 24 14	43 2 33	5 24 9	45 18	8 27	1		
W	8 15 19:9	31 29 22	28 11 50	46 6 6	44 9	1				
Th	9 16 19:9	22 0 m 52	11 5 10	57 59 6	49 43	9				
F	10 17 19:9	8 2 24	24 22 15	4 3 12	7 32	43 9				
S	11 18 20:8	53 3 56	7 9 49	10 25 8	15 42	10				
Su	12 19 20:8	34 5 30	21 32 16	38 8 57	42 10	26 5				
M	13 20 20:8	15 7 4 5	m 30 23	50 9 40	41 10	5				
Tu	14 21 21:7	52 8 39	19 45 15	29 4 3 10	23 9 41	18 11	26 5			
W	15 22 21:7	29 10 14	4 14 36	16 11 6	41 11	4				
Th	16 23 22:7	1 11 49	18 55 42	29 11 49	41 11	4				
F	17 24 22:6	34 13 24	3 m 43 49	41 12 32	41 11	4				
S	18 25 23:6	3 14 59	18 29 55	54 13 15	41 11	3				
Su	19 26 23:5	32 16 35	3 1 6	16 1 5 7	13 58 41	11 3				
M	20 27 24:4	59 18 10	17 27 7	20 14 41	41 11	3				
Tu	21 28 24:4	25 19 46	1 v 25 16	13 5 32	15 24 9	41 18	11 26	2		
W	22 29 25:3	50 21 21	14 58 19	45 16 7	D 41 11	2				
Th	23 0 26:3	15 22 57	28 4 26	57 16 51	41 R 11	2				
F	24 1 26:2	38 24 32	10 46 31	6 10 17	34 41 11	2				
S	25 2 27:2	2 26 7	23 6 37	22 18 18	41 11	1				
Su	26 3 28:1	26 27 42	5 10 43	35 19 1	42 10	1				
M	27 4 29:0	50 29 17	17 3 49	47 19 45	42 10	1				
Tu	28 5 29:0	15 0 1 51	28 51 16	55 6 59	20 28 9	42 18	10 26			
W	29 6 30:29	m 39 2 26	10 38 17	0 7 11	21 12 43	10				
Th	30 7 31:29	6 4 0	22 31 6	23 21 56	43 10					

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

November, 1922

Full Moon November 4th, 6:36 P. M. in γ $11^{\circ} 35'$

Declination of the Planets

Day	S.	T.	☉	♈	♉	♊	♋	♌	♍	♎	♏										
	S	S	S	S	S	S	S	S	S	S	S										
	H.	M.	°	'	°	'	°	'	°	'	°										
W	1	14	40	14	16	27	31	5	46	0	42	3	29	10	56	21	55	8	38	15	34
Th	2		44	14	36	27	29	6	12	4	23		31	11	1		45		38		34
F	3		48	14	55	27	27	6	40	7	55		34		5		34		38		34
S	4		52	15	13	27	24	7	10	11	10		36		10		22		38		34
Su	5		56	15	32	27	21	7	42	13	59		39		14		11		39		34
M	6	15	0	15	50	27	16	8	15	16	12		41		18	20	59		39		34
Tu	7	15	4	16	8	27	10	8	49	17	41	3	44	11	23	20	48	8	39	15	33
W	8		8	16	26	27	4	9	24	18	18		46		27		36		39		33
Th	9		11	16	43	26	56	10	0	17	59		49		32		24		39		33
F	10		15	17	0	26	47	10	36	16	42		51		36		11		39		33
♈	11		19	17	17	26	38	11	12	14	28		54		40	19	59		40		33
Su	12		23	17	34	26	27	11	49	11	24		56		45		46		40		33
M	13		27	17	50	26	15	12	25	7	38		58		49		34		40		33
Tu	14	15	31	18	6	26	2	13	1	3	21	4	1	11	53	19	21	8	40	15	33
W	15		35	18	22	25	48	13	37	1	13		3		58		8		40		33
Th	16		39	18	37	25	34	14	13	5	45		5	12	2	18	54		40		33
F	17		43	18	52	25	18	14	48	9	58		8		6		41		40		33
S	18		47	19	7	25	1	15	22	13	34		10		10		27		40		33
Su	19		51	19	21	24	43	15	56	16	16		12		15		13		40		33
M	20		55	19	35	24	24	16	29	17	53		14		19	17	59		40		33
Tu	21	15	59	19	49	24	5	17	2	18	22	4	17	12	23	17	45	8	40	15	33
W	22	16	3	20	2	23	44	17	34	17	47		19		27		31		40		33
Th	23		7	20	15	23	24	18	5	16	16		21		31		16		40		33
F	24		11	20	27	23	2	18	35	13	58		23		35		2		40		33
S	25		15	20	39	22	40	19	5	11	6		25		39	16	47		40		33
Su	26		19	20	51	22	18	19	33	7	49		27		43		32		39		33
M	27		22	21	3	21	55	20	1	4	16		29		47		17		39		33
Tu	28	16	26	21	13	21	32	20	28	0	N35	4	31	12	51	16	2	8	39	15	33
W	29		30	21	24	21	10	20	53	3	8		33		55	15	47		39		33
Th	30		34	21	34	20	47	21	18	6	45		35		59		32		39		33

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

December, 1922

New Moon December 18th, 0:20 P. M., in \uparrow $25^{\circ} 49'$

Longitude of the Planets

Day	☉ ♌	♀ ♍	♂ ♎	♄ ♏	♃ ♐	♅ ♑	♁ ♒	♆ ♓	♁ ♓	♁ ♓	♁ ♓
	°	°	°	°	°	°	°	°	°	°	°
F	18	32	28	33	5	35	4	32	17	11	7
S	29	33	28	27	9	16	44		17		
Su	310	33	27	32	8	44	29	11	22	8	
M	411	34	27	6	10	18	11	Π	52	28	
Tu	512	35	26	39	11	52	24	47	33	24	25
W	613	36	26	17	13	26	7	♄	56	38	36
Th	714	37	25	54	15	1	21	16	17	43	8
F	815	38	25	36	16	35	4	♏	46		
S	916	39	25	18	18	9	18	26	53	9	
Su	1017	40	25	5	19	43	2	♐	13	58	
M	1118	41	24	52	21	18	16	9	18	3	
Tu	1219	42	24	44	22	52	0	♑	12	8	
W	1320	43	24	36	24	27	14	23	12		
Th	1421	44	24	33	26	2	28	40	18	17	10
F	1522	45	24	30	27	37	13	♒	0	21	
S	1623	46	24	♄	32	29	11	27	20	26	
Su	1724	47	24	34	0	♓	46	11	♑	35	
M	1825	48	24	40	2	21	25	37	34		
Tu	1926	49	24	47	3	57	9	♓	23	39	11
W	2027	51	24	59	5	32	22	48	43		
Th	2128	52	25	10	7	8	5	♓	52	18	47
F	2229	53	25	26	8	43	18	33	51		
S	230	♓	54	25	41	10	19	0	♑	54	
Su	241	55	26	1	11	55	12	59	58		
M	252	56	26	20	13	31	24	53	19	2	12
Tu	263	57	26	43	15	7	6	♑	42	6	
W	274	59	27	6	16	43	18	30	9		
Th	286	0	27	33	18	18	0	♑	23	19	12
F	297	1	28	0	19	54	12	27	15		
S	308	2	28	30	21	29	24	46	19		
Su	319	3	29	0	23	4	7	Π	22	22	13
Th	28	6	0	27	33	18	18	0	♑	23	19
F	29	7	1	28	0	19	54	12	27	15	
S	30	8	2	28	30	21	29	24	46	19	
Su	31	9	3	29	0	23	4	7	Π	22	13

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

December, 1922

Full Moon December 4th, 11:23 A. M., in Π $11^{\circ} 32'$

Declination of the Planets

Day	S.	T.	☉ S	☿ S	♈ S	♉ N	♊ S	♋ S	♌ S	♍ S	♎ S	♏ N	
	H.	M.	°	'	°	'	°	'	°	'	°	'	
F	1	16	38	21 44	20 25	21 42	10 9	4	37	13	3	15 16 8	38 15 33
S	2		42	21 53	20 3	22 4	13 9		39		7	0	38 33
Su	3		46	22 2	19 42	22 26	15 38		41		11	14 45	38 34
M	4		50	22 11	19 21	22 46	17 24		43		15	29	37 34
Tu	5		54	22 19	19 1	23 5	18 20		45		18	13	37 34
W	6		58	22 26	18 41	23 23	18 18		46		22	13 56	37 34
Th	7	17	2	22 34	18 23	23 40	17 16	4	48	13	26	13 40	8 36 15 34
F	8		6	22 40	18 5	23 56	15 16		50		30	24	36 35
S	9		10	22 47	17 48	24 10	12 23		52		33	7	36 35
Su	10		14	22 52	17 33	24 24	8 48		53		37	12 51	35 35
M	11		18	22 58	17 18	24 35	4 41		55		40	34	35 35
Tu	12		22	23 3	17 4	24 46	0 s 17		56		44	17	35 35
W	13		26	23 7	16 52	24 55	4 11		58		47	1	34 35
Th	14	17	29	23 11	16 40	25 3	8 26	4	59	13	51	11 44	8 34 15 35
F	15		33	23 15	16 30	25 10	12 13	5	1		54	27	33 36
S	16		37	23 18	16 21	25 15	15 16		2		58	9	33 36
Su	17		41	23 21	16 12	25 19	17 22		4	14	1	10 52	32 37
M	18		45	23 23	16 5	25 21	18 22		5		5	35	31 37
Tu	19		49	23 24	15 59	25 22	18 17		7		8	17	30 37
W	20		53	23 26	15 54	25 21	17 9		8		11	0	30 38
Th	21	17	57	23 26	15 50	25 19	15 9	5	9	14	14	9	42 8 29 15 38
F	22	18	1	23 27	15 47	25 15	12 28		10		18	25	29 38
S	23		5	23 27	15 44	25 10	9 17		12		21	7	28 38
Su	24		9	23 26	15 43	25 4	5 46		13		24 8	49	28 38
M	25		13	23 25	15 42	24 55	2 5		14		27	32	27 39
Tu	26		17	23 23	15 42	24 46	1 N 39		15		30	14	26 39
W	27		21	23 21	15 43	24 34	5 20		16		33 7	56	25 40
Th	28	18	25	23 19	15 45	24 21	8 49	5	17	14	36	7	38 8 24 15 40
F	29		29	23 16	15 47	24 7	11 59		18		39	20	24 41
S	30		33	23 12	15 50	23 51	14 42		19		42	2	23 41
Su	31		37	23 8	15 53	23 34	16 47		20		45 6	44	22 41

TABLE OF PROPORTIONAL LOGARITHMS

Hours or Degrees

Min.	0	1	2	3	4	5	6	7	8	9	10	11
0	3.1584	1.3802	1.0792	9031	7781	6812	6021	5351	4771	4260	3802	3388
1	3.1584	.3730	.0756	07	63	6798	09	41	62	52	3795	82
2	2.8573	.3660	.0720	8983	45	84	5997	30	53	44	88	75
3	.6812	.3590	.0685	59	28	69	85	20	44	36	80	68
4	.5563	.3522	.0649	8935	10	55	73	10	35	28	73	62
5	2.4594	1.3454	1.0614	8912	7692	6741	5961	5300	4726	4220	3766	3355
6	.3802	.3388	.0580	8888	74	26	49	5289	17	12	59	49
7	.3133	.3323	.0546	65	57	12	37	79	08	04	52	42
8	.2553	.3258	.0511	42	39	6698	25	69	4699	4196	45	36
9	.2041	.3195	.0478	19	22	84	13	59	.90	88	38	29
10	2.1584	1.3133	1.0444	8796	7604	6670	5902	5249	4682	4180	3730	3323
11	.1170	.3071	.0411	73	7587	56	5890	39	73	72	23	16
12	.0792	.3010	.0378	51	70	42	78	29	64	64	16	10
13	.0444	.2950	.0345	28	52	28	66	19	55	56	09	03
14	.0122	.2891	.0313	06	35	14	55	09	46	49	02	3297
15	1.9823	1.2833	1.0280	8683	7518	6600	5843	5199	4638	4141	3695	3291
16	.9542	.2775	.0248	61	01	6587	32	89	29	33	88	84
17	.9279	.2719	.0216	39	7484	73	20	79	20	25	81	78
18	.9031	.2663	.0185	17	67	59	09	69	11	17	74	71
19	.8796	.2607	.0153	8595	51	46	5797	59	03	09	67	65
20	1.8573	1.2553	1.0122	8573	7434	6532	5786	5149	4594	4102	3660	3258
21	.8361	.2499	.0091	52	17	19	74	39	85	4094	53	52
22	.8159	.2445	.0061	30	01	05	63	29	77	86	46	46
23	.7966	.2393	.0030	09	7384	6492	52	20	68	79	39	39
24	.7781	.2341	1.0000	8487	68	78	40	10	59	71	32	33
25	1.7604	1.2289	0.9970	8466	7351	6465	5729	5100	4551	4063	3625	3227
26	.7434	.2239	.9940	45	35	51	18	5090	42	55	18	20
27	.7270	.2188	.9910	24	18	38	06	81	34	48	11	14
28	.7112	.2139	.9881	03	02	25	5695	71	25	40	04	08
29	.6960	.2090	.9852	8382	7286	12	84	61	16	32	3597	01
30	1.6812	1.2041	0.9823	8361	7270	6398	5673	5051	4508	4025	3590	3195
31	.6670	.1993	.9794	41	54	85	62	42	4499	17	83	89
32	.6532	.1946	.9765	21	38	72	51	32	91	10	77	83
33	.6398	.1899	.9737	00	22	59	40	23	82	02	70	76
34	.6269	.1852	.9708	8279	06	46	29	13	74	3995	63	70
35	1.6143	1.1806	0.9680	8259	7190	6333	5618	5003	4466	3987	3556	3164
36	.6021	.1761	.9652	39	74	20	07	4994	57	79	49	57
37	.5902	.1716	.9625	19	59	07	5596	84	49	72	42	51
38	.5786	.1671	.9597	8199	43	6294	85	75	40	64	35	45
39	.5673	.1627	.9570	79	28	82	74	65	32	57	29	39
40	1.5663	1.1584	0.9542	8159	7112	6269	5563	4956	4424	3949	3522	3133
41	.5456	.1540	.9515	40	7097	56	52	47	15	42	15	26
42	.5351	.1498	.9488	20	81	43	41	37	07	34	08	20
43	.5249	.1455	.9462	01	66	31	31	28	4399	27	01	14
44	.5149	.1413	.9435	8081	50	18	20	18	90	19	3495	08
45	1.5051	1.1372	0.9409	8062	7035	6205	5509	4909	4382	3912	3488	3102
46	.4956	.1331	.9383	43	20	6193	5498	00	74	05	81	3096
47	.4863	.1290	.9356	23	05	80	88	4890	65	3897	75	89
48	.4771	.1249	.9330	04	6990	68	77	81	57	90	68	83
49	.4682	.1209	.9305	7985	75	55	66	72	49	82	61	77
50	1.4594	1.1170	0.9279	7966	6960	6143	5456	4863	4341	3875	3455	3077
51	.4508	.1130	.9254	47	45	31	45	53	33	68	48	63
52	.4424	.1091	.9228	29	30	18	35	44	24	60	41	59
53	.4341	.1053	.9203	10	15	06	24	35	16	53	35	53
54	.4260	.1015	.9178	7891	00	6094	14	26	08	46	28	44
55	1.4180	1.0977	0.9153	7873	6885	6081	5403	4817	4300	3838	3421	3044
56	.4102	.0939	.9128	54	71	69	5393	08	4292	31	15	33
57	.4025	.0902	.9104	36	56	57	82	4799	84	24	08	27
58	.3949	.0865	.9079	18	41	45	72	89	76	17	01	22
59	.3875	.0828	.9055	00	27	33	61	80	68	09	3395	1

TABLE OF PROPORTIONAL LOGARITHMS

Hours or Degrees

Min.	12	13	14	15	16	17	18	19	20	21	22	23
0	3010	2663	2341	2041	1761	1498	1249	1015	0792	0580	0378	0185
1	04	57	36	36	56	93	45	11	88	77	75	82
2	2998	52	30	32	52	89	41	07	85	73	71	79
3	92	46	25	27	47	85	37	03	81	70	68	75
4	86	41	20	22	43	81	34	0999	77	66	64	72
5	2980	2635	2315	2017	1738	1476	1229	0996	0774	0563	0361	0169
6	74	29	10	12	34	72	25	92	70	59	58	66
7	68	24	05	08	29	68	21	88	66	56	55	63
8	62	18	00	03	25	64	17	84	63	52	52	60
9	56	13	2295	1998	20	60	13	80	59	49	48	57
10	2950	2607	89	1993	1716	1455	1209	0977	0756	0546	0345	0153
11	45	02	84	89	11	51	05	73	52	42	42	50
12	38	2596	79	84	07	47	01	69	49	39	39	47
13	33	91	74	79	02	43	1197	65	45	35	35	44
14	27	85	69	74	1698	38	93	62	42	32	32	41
15	2921	2580	2264	1969	1694	1434	1189	0958	0738	0529	0329	0138
16	15	75	59	65	89	30	85	54	34	25	26	35
17	09	69	54	60	85	26	82	50	31	22	22	32
18	03	64	49	55	80	22	78	47	27	18	19	29
19	2897	58	44	50	76	17	74	43	24	15	16	25
20	2891	2553	2239	1946	1671	1413	1170	0939	0720	0511	0313	0122
21	85	47	34	41	67	09	66	35	17	08	09	19
22	80	42	29	36	63	05	62	32	13	05	06	16
23	74	36	23	32	58	01	58	28	09	01	03	13
24	68	31	18	27	54	1397	54	24	06	0498	00	10
25	2862	2526	2213	1922	1649	1393	1150	0920	0702	0495	0296	0107
26	56	20	08	17	45	88	46	17	0699	91	92	04
27	50	15	03	13	40	84	42	13	95	88	90	01
28	45	09	2198	08	36	80	38	09	92	85	87	0098
29	39	04	93	03	32	76	34	05	88	81	83	94
30	2833	2499	2188	1899	1627	1372	1130	0902	0685	0478	0280	0091
31	27	93	83	94	23	68	26	0898	81	74	77	88
32	21	88	78	90	19	63	23	94	78	71	74	85
33	16	83	73	85	14	59	19	91	74	68	71	82
34	10	77	68	80	10	55	15	87	70	64	67	79
35	2804	2472	2164	1875	1605	1351	1111	0883	0667	0461	0264	0076
36	2798	67	59	71	01	47	07	80	64	58	61	73
37	93	61	54	66	1597	43	03	76	60	54	58	70
38	87	56	49	62	92	39	1099	72	56	51	55	67
39	81	51	44	57	88	35	95	68	53	48	51	64
40	2775	2445	2139	1852	1584	1331	1092	0865	0649	0444	0248	0061
41	70	40	34	48	79	27	88	61	46	41	45	58
42	64	35	29	43	75	22	84	57	42	37	42	55
43	58	30	24	38	71	18	80	54	39	34	39	52
44	53	24	19	34	66	14	76	50	35	31	35	48
45	2747	2419	2114	1829	1562	1310	1072	0846	0632	0428	0232	0045
46	41	14	09	25	58	06	68	43	29	24	29	42
47	36	09	04	20	53	02	64	39	25	21	26	39
48	30	03	2099	16	49	1298	61	35	21	18	23	36
49	24	2398	2095	11	45	94	57	32	18	14	20	33
50	2719	2393	2090	1806	1540	1290	1053	0828	0614	0411	0216	0030
51	13	88	85	02	36	86	49	24	11	08	13	27
52	07	82	80	1797	32	82	45	21	08	04	10	24
53	02	77	75	93	28	78	41	17	04	01	07	21
54	2696	72	70	88	23	74	37	14	01	0398	04	18
55	2691	2367	2065	1784	1519	1270	1034	0810	0597	0394	0201	0015
56	86	62	61	79	15	66	30	06	94	91	0197	12
57	79	56	56	74	10	61	26	03	90	88	94	09
58	74	51	51	70	06	57	22	0799	87	84	91	06
59	68	46	46	65	02	53	18	95	83	81	88	03

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EPHEMERIS OF PLUTO FOR 1923

te	Long.	Dec.	Date	Long.	Dec.
January 29	9° 53' 35" R	20° N 18'	July 28	11° 53' 18"	20° N 27'
February 28	9° 53' 11'	20° N 22'	August 27	11° 52' 56"	20° N 24'
March 30	9° 53' 05'	20° N 26'	September 26	12° 53' 18"	20° N 22'
April 29	9° 53' 20" D	20° N 29'	October 26	12° 53' 20"	20° N 22'
May 29	9° 53' 51'	20° N 30'	November 25	12° 53' 00" R	20° N 24'
June 28	10° 53' 35'	20° N 29'	December 25	11° 53' 27"	20° N 28'

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SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

January, 1923

New Moon January 17, 2:41 A. M., in $\text{vs } 25^{\circ} 58'$

Longitude of the Planets

Day	☉ ♈	♀ ♊	♂ ♋	♄ ♌	♅ ♍	♆ ♎	♇ ♏	♁ ♐	♂ ♑	♃ ♒	
M	1 10	4 29	34 24	41 20	17 19	24 13	18 15	24 10	26 17	R43 24	
Tu	2 11	5 0	† 7	26 12	3 32	27 27	28 16	8 28	28 42		
W	3 12	7 0	43 27	44 17	3 30	38 38	16 16	52 30	41 41		
Th	4 13	8 1	19 29	16 0	Ω 50	33 33	47 17	36 33	40 40		
F	5 14	9 1	58 0	46 14	46 36	57 57	18 20	35 35	39 39		
S	6 15	10 2	36 2	16 28	50 50	38 38	14 6	19 4	37 37		
Su	7 16	11 3	17 3	42 12	m 57	19 41	14 15	19 48	10 39	17 36	24 24
M	8 17	12 3	58 5	7 27	4 43	24 24	20 32	42 42	34 34	23 23	
Tu	9 18	13 4	42 6	28 11	= 11	45 45	33 21	17 44	33 33		
W	10 19	14 5	25 7	46 25	16 16	47 47	41 22	1 47	31 31		
Th	11 20	16 6	11 8	58 9	m 19	49 49	50 22	45 49	30 30		
F	12 21	17 6	56 10	10 23	18 18	51 51	59 23	29 52	28 28		
S	13 22	18 7	44 11	11 7	† 11	53 53	15 7	24 13	54 54	27 27	
Su	14 23	19 8	31 12	11 20	57 57	19 54	15 15	24 56	10 57	17 25	23 23
M	15 24	20 9	20 12	58 4	♈ 33	56 56	24 25	40 59	24 24		
Tu	16 25	21 10	9 13	45 17	55 55	57 57	32 26	24 11	2 22		
W	17 26	22 11	0 14	14 1	≈ 2	59 59	40 27	8 4	21 21		
Th	18 27	24 11	50 14	43 13	52 20	0 20	47 27	52 7	19 19		
F	19 28	25 12	42 14	52 26	25 25	1 1	55 28	36 10	18 18		
S	20 29	26 13	35 15	0 8	♏ 42	2 2	16 3	29 20	13 13	16 16	
Su	21 0	≈ 27	14 29	14 R41	20 20	3 16	10 10	0 ♏ 4	11 15	17 15	23 23
M	22 1	28 15	22 14	31 2	♏ 39	4 4	17 0	48 18	13 13		
Tu	23 2	29 16	16 13	54 14	28 28	4 4	24 1	32 21	12 12		
W	24 3	30 17	11 13	16 26	16 16	5 5	31 2	15 24	10 10		
Th	25 4	31 18	7 12	20 8	♏ 9	5 5	38 2	59 27	9 9		
F	26 5	32 19	3 11	23 20	13 13	6 6	45 3	43 30	7 7		
S	27 6	33 20	0 10	13 2	♏ 31	6 6	52 4	27 33	5 5	2 2	
Su	28 7	34 20	57 9	3 15	10 20	7 20	16 58	5 10	11 36	17 3	2 2
M	29 8	35 21	55 7	48 28	10 10	7 17	4 5	54 39	2 2		
Tu	30 9	36 22	53 6	33 11	♏ 34	7 7	10 6	38 42	0 0		
W	31 10	37 23	52 5	22 25	21 21	7 7	16 7	22 45	16 16	58 58	

January, 1923

Full Moon January 3, 2:33 A. M. in \odot $11^{\circ} 43'$

Declination of the Planets

[illegible]

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

February, 1923

New Moon February 15, 7:07 P. M., in ♋ 26° 6'

Longitude of the Planets

Day	☉ ♈	♀ ♊	♂ ♉	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈
Th	1	11 38	24 51	4 R 11 9	28 20	R 6 17	22 3	5 11	48 16	R 56 22	
F	2	12 38	25 51	3 10	23 50	6	28 8	49	51	55	
S	3	13 39	26 51	2 9	3 m 22	5	33 9	32	54	53	
Su	4	14 40	27 51	1 24	22 56	5	38 10	16	57	52	
M	5	15 41	28 52	0 38	7 = 28	4	43 10	59	12 1	50	
Tu	6	16 42	29 54	0 9	21 53	4	48 11	43	4	49	
W	7	17 42	0 ♋ 55	29 ♋ 39	6 m 8	20 3	17 53	12 26	12 7	16 47	22
Th	8	18 43	1 58	29 26	20 11	2	58 13	9	10	45	
F	9	19 44	3 0	29 13	4 ♋ 1	0 18	2 13	52	13	43	
S	10	20 45	4 3	29 D 16	17 38	19 59	7 14	36	16	42	
Su	11	21 45	5 5	29 18	1 ♋ 2	58	11 15	19	19	40	
M	12	22 46	6 9	29 34	14 13	57	15 16	2	22	38	
Tu	13	23 47	7 12	29 49	27 10	55	18 16	45	26	36	
W	14	24 47	8 16	0 ♋ 17	9 ♋ 54	19 54	18 22	17 29	12 29	16 35	21
Th	15	25 48	9 20	0 44	22 25	52	25 18	12	33	33	
F	16	26 49	10 25	1 20	4 ♋ 44	50	29 18	55	36	32	
S	17	27 49	11 29	1 58	16 52	48	32 19	38	40	30	
Su	18	28 50	12 34	2 43	28 50	46	35 20	21	43	29	
M	19	29 50	13 39	3 28	10 ♋ 42	44	37 21	4	46	27	
Tu	20	0 ♋ 51	14 45	4 21	22 30	42	40 21	47	49	25	
W	21	1 51	15 50	5 13	4 8 18	19 40	18 42	22 30	12 53	16 23	21
Th	22	2 52	16 56	6 12	16 11	38	45 23	13	56	22	
F	23	3 52	18 17	10 28	13	35	47 23	56	13 0	20	
S	24	4 52	19 8	8 13	10 II 29	33	49 24	39	3	18	
Su	25	5 53	20 14	9 17	23 4	30	50 25	22	7	17	
M	26	6 53	21 21	10 26	6 ♋ 1	27	52 26	5	10	16	
Tu	27	7 53	22 27	11 34	19 23	24	53 26	47	14	15	
W	28	8 54	23 34	12 46	3 ♋ 12	19 21	18 54	27 30	13 17	16 13	21

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

February, 1923

Full Moon February 1, 3:53 P.M., in Ω $11^{\circ} 48'$

Declination of the Planets

S. T.	Dec.	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂			
H. M.	°	N	'	°	S	'	°	S	'	°	S	'	°	S	'	°	N	'	°	S	'	°	N	'
20 43	14	34	1	17 18	19 37	15 41	5	29	15 54	3	27	50	15 56											
47	11	20	3	16 44	19 48	16 15		28	57	3	38	48	57											
51	7	23	5	16 9	19 57	16 47		27	16 0	4	14	45	58											
55	2	58	7	15 32	20 5	17 17		26	2 4	50	43	59												
58	1	s 36	9	14 54	20 11	17 44		25	4 5	25	40	16 1												
21 2	6	2	11	14 16	20 15	18 6		23	6 6	0	37	2												
			13	13 36	20 18	18 23		22	8 6	35	35	3												
21 6	10	4	15	12 56	20 19	18 35		20	10 7	10	32	4												
10	13	28	17	12 14	20 18	18 42		18	11	44	30	5												
14	16	3	19	11 32	20 15	18 44		16	12 8	18	27	6												
18	17	41	21	10 49	20 9	18 40		14	13 8	52	24	7												
22	18	18	23	10 6	20 2	18 31		12	14 9	25	21	8												
26	17	55	25	9 22	19 53	18 17		9	15 9	58	19	9												
30	16	36	27	8 37	19 42	17 57		7	15 10	31	17	10												

21 34 14 28

38 11 42

42 8 26

46 4 52

50 1 9

54 2 N 34

58 6 10

22 2 9 31

5 12 31

9 15 0

13 16 53

17 18 0

21 18 13

25 17 27

22 29 15

27 4 38

Latitudes of the Planets

			D	D		♀	♀	♂	♂		♂	♂	♂	♂	♂	♂				
			°	S	'	°	N	'	°	N	'	°	N	'	°	S	'	°	N	'
	42	8	26			3	44	3	38	2	34	1	10	0	11	0	44	0	11	
	46	4	52				37		32		35		10		9		44		11	
	50	1	9	1	3	26	3													
	54	2	N 34	3	1	8			32		35		10		9		44		11	
	58	6	10	5	1	N 29	30		19		35		10		7		44		11	
				7	3	42	22		1		36		11		5		44		11	
22	2	9	31	9	5	0	14	2	39		36		11		3		44		11	
	5	12	31	11	5	8	6		15		37		11		2		44		11	
	9	15	0	13	4	13	2	57	1	51	37		12	0	N 0		44		11	
	13	16	53	15	2	29	49		27		38		12		2		44		11	
	17	18	0	17	0	20	40		3		38		12		4		44		11	
	21	18	13	19	1	S 49	31	0	40		39		13		5		44		11	
	25	17	27	21	3	39	22		19		39		13		7		44		11	
				23	4	53	13	0	S 2		40		13		9		44		11	
22	29	15	39	25	5	17	4		21		40		14		10		44		11	
				27	4	38	1	54	39		41		14		12		44		11	

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

March, 1923

New Moon March 17, 0:51 P. M. in ♋ 25° 55'

Longitude of the Planets

Day	☉ ♈	♀ ♊	♂ ♉	♂ ♏	♂ ♏	♂ ♏	♂ ♏	♂ ♏	♂ ♏	♂ ♏	♂ ♏
Th	1 19 54	24 41	13 58	17 26	19 18	18 55	28 13	13 21	16 11	21	
F	2 10 54	25 48	15 13	2 27	15	55 28	56	24	9		
S	3 11 54	26 55	16 29	16 53	12	56 29	38	27	8		
Su	4 12 54	28 3	17 48	1 52	8	56 08	21	31	6		
M	5 13 54	29 11	19 7	16 51	5	56 1	3	34	5	20	
Tu	6 14 54	0 19	20 29	1 41	2	56 1	46	37	3		
W	7 15 54	1 26	21 51	16 16	18 59	18 56	2	28	13 41	16	20
Th	8 16 54	2 35	23 16	0 32	55	56 3	11	44	0		
F	9 17 54	3 43	24 41	14 27	52	55 3	53	48	15 59		
S	10 18 54	4 52	26 9	28 1	48	54 4	36	51	57		
Su	11 19 54	6 0	27 36	11 14	44	53 5	18	55	56		
M	12 20 54	7 9	29 6	24 9	40	52 6	0	58	55		
Tu	13 21 54	8 17	0 36	6 48	37	51 6	42	14 2	54		
W	14 22 54	9 26	2 9	19 13	18 33	18 49	7	24	14 5	15 52	20
Th	15 23 54	10 35	3 41	1 27	29	47 8	6	8	51		
F	16 24 53	11 44	5 17	13 32	25	45 8	48	11	50		
S	17 25 53	12 53	6 52	25 29	21	43 9	31	15	49		
Su	18 26 53	14 2	8 30	7 22	16	41 10	13	18	47		
M	19 27 52	15 11	10 7	19 11	12	39 10	55	22	46		
Tu	20 28 52	16 20	11 47	0 59	8	36 11	37	25	45		
W	21 29 52	17 30	13 27	12 49	18 4	18 33	12	19	14 29	15 44	20
Th	22 0 51	18 40	15 10	24 44	0	30 13	1	32	43		
F	23 1 51	19 50	16 52	6 46	17 55	27 13	43	35	42		
S	24 2 50	21 0	18 38	19 1	50	23 14	25	38	41	19	
Su	25 3 50	22 9	20 23	1 32	46	20 15	6	42	40		
M	26 4 49	23 19	22 11	14 23	42	16 15	48	45	39		
Tu	27 5 49	24 29	23 58	27 37	38	12 16	30	48	38		
W	28 6 48	25 39	25 49	11 18	17 33	18 8	17	12	14 51	15 37	19
Th	29 7 47	26 49	27 39	25 26	29	4 17	53	55	36		
F	30 8 46	28 0	29 33	9 59	24	0 18	35	58	35		
S	31 9 46	29 10	1 26	24 54	19	17 55	19	16	15 2	34	

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich
March, 1923
Full Moon March 3, 3:24 A. M. in η $11^{\circ} 32'$
Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂
H. M.	° N	° S	° S	° S	° S	° S	° S	° N	° S	° N	° S	° N	° S
1	22 33	12 51	1 7 52	19 28	17 32	5 4	16 16	11 3	7 14	16 10			
2	37 9	11 3	7 6	19 13	17 2	2	16	34	12	11			
3	41 4	52 5	6 20	18 55	16 26	4 59	15	12 6	9	12			
4	45 0	13 7	5 34	18 35	15 45	56	15	36	6	13			
5	49 4	s 27	9 4	18 14	14 59	53	14	13 7	3	14			
6	53 8	47	11 4	0 17	50 14	8 50	14	36	0	15			
			13 3	13 17	24 13	12 47	13	14 6	6 56	16			
7	22 57	12 30	15 2	26 16	56 12	10 43	11	35	54	17			
8	23 1	15 24	17 1	38 16	26 11	4 40	10	15 3	53	17			
9	5 17	18 19	0 51	15 54	9 53	37	8	31	51	18			
0	9 18	11 21	0 3	15 21	8 37	33	7	58	48	19			
1	12 18	2 23	0 N 44	14 45	7 16	30	5	16 24	45	20			
2	16 16	56 25	1 31	14 8	5 51	26	3	50	43	20			
3	20 15	1 27	2 18	13 30	4 21	23	0	17 16	40	21			
			29 3	5 12	50 2	47 19	15	58	40	38			
4	23 24	12 26	31 3	52 12	8 1	8 16	55	5	36	22			

Latitude of the Planets													
D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
° S	° N	° S	° N	° N	° N	° N	° N	° S	° N	° S	° N	° S	° N
1	2 54	1 45	0 56	2 41	1 14	0 13	0 44	0 11					
2	5 2	3 0	20 36	1 11	42 15	15 44	12						
3	5 2 N 21	27 25	42 15	16 44	12								
4	7 4	23 17	37 42	15 18	44 12								
5	9 5	16 8	48 43	16 19	44 12								
6	11 4	58 0	59 43	16 20	44 12								
7	13 3	40 50	2 43	16 22	44 12								
8	15 1	44 41	10 44	17 23	44 12								
9	17 0	s 27	33 44	17 24	44 12								
0	19 2	32 24	16 44	17 26	44 12								
1	21 4	11 16	17 44	17 27	44 12								
2	23 5	8 7	16 45	18 28	44 12								
3	25 5	11 0	s 0 12	45 18	29 44	12							
4	27 4	13 8	7 45	18 31	44 12								
5	29 2	15 16	0 45	18 32	44 12								
6	31 0	N 24	23 1	51 45	19 33	44	12						

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

April, 1923

New Moon April 16, 6:28 A. M., in γ 25° 15'

Longitude of the Planets

Day	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
Su	1	10 45 0	21 3	22 10	3	17R15	17R50	19 58	15 5	15R34	19
M	2	11 44 1	31 5	17 25	17	10	46	20 39	15 8	33	
Tu	3	12 43 2	42 7	16 10	m27	5	41	21 21	11	32	
W	4	13 42 3	52 9	14 25	22	1	36	22 2	14	31	
Th	5	14 41 5	3 11	15 9	4 56	16 56	30	22 44	17	30	
F	6	15 40 6	13 13	16 24	4	52	25	23 25	20	30	
S	7	16 39 7	24 15	19 7	44	16 47	17 20	24 6	15 23	15 29	19
Su	8	17 38 8	34 17	22 20	58	42	14	24 47	27	28	
M	9	18 37 9	45 19	27 3	49	37	8	25 29	30	27	
Tu	10	19 36 10	56 21	32 16	19	33	2	26 10	33	27	
W	11	20 35 12	7 23	38 28	34	28	16 56	26 51	36	27	
Th	12	21 34 13	18 25	44 10	37	24	50	27 32	39	27	18
F	13	22 33 14	29 27	50 22	32	19	43	28 13	42	26	
S	14	23 31 15	40 29	56 4	22	16 15	16 37	28 54	15 44	15 26	18
Su	15	24 30 16	51 2	8 1	16 10	10	30	29 35	47	26	
M	16	25 29 18	2 4	6 27	58	6	24	0 II 16	50	25	
Tu	17	26 28 19	14 6	9 9	8 49	1	17	0 57	53	25	
W	18	27 26 20	25 8	12 21	44	15 57	10	1 38	56	24	
Th	19	28 25 21	36 10	12 3	II 44	52	3	2 19	58	24	
F	20	29 24 22	47 12	11 15	53	48	15 57	3 0	16 1	24	
S	21	0 8 22	23 59	14 6	28 12	15 43	15 49	3 41	16 3	15 23	18
Su	22	1 21 25	10 16	1 10	5 45	39	42	4 21	6	23	
M	23	2 19 26	22 17	50 23	34	34	35	5 2	9	23	
Tu	24	3 18 27	33 19	38 6	Ω 42	30	28	5 43	12	23	
W	25	4 16 28	45 21	20 20	13	26	20	6 24	15	23	
Th	26	5 14 29	56 23	2 4	m 8	22	13	7 4	17	23	
F	27	6 13 1	7 24	36 18	29	17	5	7 45	19	23	
S	28	7 11 2	19 26	10 3	≡ 13	15 13	14 58	8 25	16 21	15 23	18
Su	29	8 9 3	31 27	37 18	15	9	50	9 6	23	23	
M	30	9 7 4	42 29	3 3	m 28	5	43	9 46	26	d23	

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

April, 1923

Full Moon April 1, 1:10 P. M. in α $10^{\circ} 48'$

Full Moon April 30, 9:30 P. M. in η $9^{\circ} 30'$

Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂													
H. M.	° S	'	° N	'	° S	'	° S	'	° S	'	° N	'	° S	'	° N	'									
1	0	35	2	22	1	4	15	11	46	0	18	4	14	15	54	18	16	6	34	16	22				
2		39	6	59	2	4	38	11	25	0	N	34		12	52		28		33		22				
3		43	11	8	4	5	24	10	40	2	20		8	49		51		30		23					
4		47	14	29	6	6	10	9	55	4	8		5	46	19	13		28		23					
5		51	16	50	8	6	55	9	8	5	59		1	43		34		25		24					
6		55	18	5	10	7	40	8	20	7	51	3	58	39		55		23		24					
					12	8	24	7	31	9	42		54	36	20	15		21		24					
7	0	59	18	13	14	9	8	6	41	11	33		51	32		34		19		24					
8	1	3	17	21	16	9	51	5	50	13	20		47	28		53		17		24					
9		7	15	36	18	10	34	4	58	15	2		44	24	21	11		14		25					
10		11	13	9	20	11	16	4	6	16	38		41	20		28		12		25					
11		15	10	9	22	11	57	3	13	18	6		37	16		44		10		25					
12		19	6	46	24	12	37	2	20	19	24		34	12	22	0		8		25					
13		23	3	9	26	13	16	1	26	20	34		31	8		15		6		25					
					28	13	54	0	32	21	33		28	4		29		4		25					
14	1	27	0	N	34	30	14	32	0	N	23		22	22		25	14	59		42	3	25			
15		30	4	16	Latitude of the Planets																				
16		34	7	47																					
17		38	11	0	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂		
18		42	13	48	°	N	'	°	S	'	°	S	'	°	N	'	°	N	'	°	S	'	°	N	'
19		46	16	2	1	1	46	0	27	1	45	2	45	1	19	0	33	0	44	0	12				
20		50	17	34	2	3	0		30		40		45		19		34		44		12				
					4	4	46		37		27		46		19		35		44		12				
21	1	54	18	19	6	5	14		43		11		46		19		36		44		12				
22		58	18	12	8	4	31		50	0	54		46		19		37		44		12				
23	2	2	17	10	10	2	56		55		35		46		20		38		45		12				
24		6	15	11	12	0	53	1	1		15		46		20		39		45		12				
25		10	12	20	14	1	S	16		6	0	N	6		20		40		45		12				
26		14	8	42	16	3	11		11		28		45		20		41		45		12				
27		18	4	28	18	4	34		16		50		45		20		42		45		12				
					20	5	9		20	1	12		45		20		43		45		12				
28	2	22	0	S	10	22	4	50		24		32		45		20		44		45		12			
29		26	4	53	24	3	32		28		50		45		20		45		45		12				
30		30	9	19	26	1	23		31	2	6		45		20		46		45		12				
					28	1	N	13		34		19		45		20		47		45		12			
					30	3	34		37		29		44		20		48		45		12				

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

May, 1923

New Moon May 15th, 10:38 P. M., in δ $24^{\circ} 4'$

Longitude of the Planets

Day	☉ ♈	♀ ♍	♂ ♎	♄ ♏	♃ ♐	♅ ♑	♁ ♒	♆ ♓	♁ ♓	♁ ♓	♁ ♓
Tu	1 10 6 5 53 0	20 18 41 15 R 14 R 35	10 27 16 28 15 23 17								
W	2 11 4 7 5 1	37 3 45 14 57	28 11 7 31 23								
Th	3 12 2 8 17 2	46 18 29 53	20 11 47 34 24								
F	4 13 0 9 29 3	54 2 48 50	13 12 27 36 24								
S	5 13 58 10 41 4	54 16 37 46	5 13 8 38 24								
Su	6 14 56 11 52 5	53 29 57 42 13 57	13 48 40 24								
M	7 15 54 13 4 6	43 12 50 14 38	13 49 14 28 16 42 15 25 17								
Tu	8 16 52 14 16 7	32 25 20 35	42 15 8 44 25								
W	9 17 50 15 28 8	12 7 32 31	34 15 49 46 25								
Th	10 18 48 16 40 8	52 19 31 28	27 16 29 48 26								
F	11 19 46 17 52 9	22 1 22 24	19 17 9 50 26								
S	12 20 44 19 4 9	52 13 10 21	12 17 49 52 27								
Su	13 21 42 20 16 10	12 24 57 18	4 18 29 54 27								
M	14 22 40 21 28 10	31 6 8 48 14 15	12 57 19 9 16 56 15 28 17								
Tu	15 23 38 22 40 10	41 18 44 12	49 19 49 58 29								
W	16 24 36 23 52 10	51 0 47 9	42 20 29 17 0 29								
Th	17 25 34 25 4 10	51 12 58 6	34 21 9 1 30								
F	18 26 32 26 16 10	51 25 18 3	27 21 49 3 31								
S	19 27 29 27 28 10	R 42 7 49 0	20 22 29 5 31								
Su	20 28 27 28 40 10	33 20 31 13 58	13 23 9 6 32 16								
M	21 29 25 29 52 10	16 3 26 13 55	12 6 23 49 17 7 15 33 16								
Tu	22 0 23 1 8 4 9	58 16 36 53 11	59 24 28 9 34								
W	23 1 20 2 17 9	34 0 3 50	52 25 8 11 35								
Th	24 2 18 3 29 9	10 13 50 48	45 25 48 12 36								
F	25 3 15 4 41 8	40 27 57 46	38 26 28 13 37								
S	26 4 13 5 53 8	10 12 25 44	32 27 7 15 38								
Su	27 5 11 7 5 7	37 27 10 42	25 27 47 17 38								
M	28 6 8 8 17 7	4 12 6 13 40	11 19 28 26 17 18 15 39 16								
Tu	29 7 6 9 29 6	30 27 7 38	13 29 6 19 40								
W	30 8 3 10 42 5	57 12 2 36	7 29 45 20 41								
Th	31 9 1 11 54 5	25 26 43 34	1 0 25 21 42								

S. T.	Dec.	D	☉	♀	♂	♂	♂	♂	♂	♂	♂										
H. M.	°	S	°	N	°	N	°	N	°	S	°	N	°	S	°	N	°	S	°	N	°
2	34	13	9	1	14	51	0	50	22	43	3	34	14	57	22	49	6	2	16	25	
2	38	16	4	2	15	9	1	17	23	1		22		55		55		0		25	
3	41	17	51	4	15	45	2	12	23	31		19		50	23	6	5	59		25	
4	45	18	27	6	16	19	3	7	23	51		17		46		17		58		24	
5	49	17	55	8	16	53	4	1	24	3		14		42		27		56		24	
6	53	16	23	10	17	25	4	56	24	6		12		37		37		55		24	
				12	17	57	5	50	24	1		10		33		45		53		24	
7	57	14	4	14	18	27	6	43	23	49		8		29		53		51		23	
8	1	11	9	16	18	55	7	37	23	29		6		24	24	0		50		23	
9	5	7	48	18	19	23	8	29	23	3		4		20		6		49		22	
0	9	4	12	20	19	49	9	21	22	31		2		16		11		48		22	
1	13	0	28	22	20	14	10	13	21	53		0		12		15		47		21	
2	17	3	N 16	24	20	38	11	3	21	12	2	59		8		19		46		21	
3	21	6	52	26	21	0	11	53	20	28		58		5		22		45		20	
				28	21	20	12	41	19	44		57		1		23		44		20	
4	25	10	13	30	21	39	13	29	19	0		56	13	57		25		43		20	
5	29	13	11																		
6	33	15	37																		
7	37	17	23																		
8	41	18	22																		
9	45	18	29	1	4	24	1	38	2	32	2	44	1	20	0	48	0	45	0	12	
0	48	17	41	2	4	56		39		35		44		20		48		45		12	
				4	4	58		41		37		44		20		49		45		12	
1	52	15	58	6	3	52		43		36		44		20		50		45		12	
2	56	13	23	8	2	3		44		30		43		19		51		45		12	
3	0	10	2	10	0	S 3		45		20		43		19		51		45		12	
4	4	6	4	12	2	6		46		6		43		19		52		45		12	
5	8	1	40	14	3	47		46	1	48		42		19		53		45		12	
6	12	2	S 56	16	4	49		46		25		42		19		54		46		12	
7	16	7	27	18	5</																

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

June, 1923

New Moon June 14th, 0:42 P. M., in Π $22^{\circ} 26'$

Longitude of the Planets

Day	☉ ♌	♀ ♍	♂ ♌	♂ ♍	♂ ♎	♂ ♏	♂ ♐	♂ ♑	♂ ♒	♂ ♓	♂ ♈
F	19 58	13 7	4 R52	11 1	13R33	10R55	1 4	17 22	15 44	16	
S	2 10 56	14 19	4 23	24 53	31	49 1	44	23	45		
Su	3 11 53	15 31	3 55	8 17	30	43 2	23	24	46		
M	4 12 51	16 44	3 31	21 13	29	37 3	3	25	47		
Tu	5 13 48	17 56	3 8	3 46	28	32 3	42	26	48		
W	6 14 45	19 9	2 52	16 0	27	27 4	22	27	49		
Th	7 15 43	20 21	2 36	28 0	13 26	10 22	5 1	17 28	15 50	16	
F	8 16 40	21 34	2 28	9 51	25	17 5	40	28	51	15	
S	9 17 38	22 46	2 20	21 39	24	12 6	19	29	53		
Su	10 18 35	23 59	2 20	3 29	24	7 6	59	29	54		
M	11 19 32	25 11	2 D21	15 24	23	3 7	38	30	56		
Tu	12 20 30	26 24	2 30	27 27	23 9	58 8	17	30	57		
W	13 21 27	27 36	2 40	9 40	22	54 8	56	31	59		
Th	14 22 24	28 49	2 59	22 4	13 22	9 50	9 35	17 31	16 0	15	
F	15 23 22	0 II 1	3 17	4 40	21	46 10	14	32	2		
S	16 24 19	1 14	3 45	17 27	21	42 10	54	32	3		
Su	17 25 16	2 27	4 13	0 26	21	39 11	33	33	5		
M	18 26 14	3 40	4 49	13 37	21	35 12	12	33	6		
Tu	19 27 11	4 52	5 25	26 59	D22	32 12	51	33	8		
W	20 28 8	6 5	6 10	10 33	22	29 13	30	33	9		
Th	21 29 5	7 17	6 55	24 20	13 22	9 26	14 9	17 33	16 11	15	
F	22 0 5	8 30	7 48	8 21	23	23 14	48	33	12		
S	23 1 0	9 43	8 41	22 36	24	21 15	27	R33	14		
Su	24 1 57	10 56	9 43	7 2	24	18 16	6	33	16		
M	25 2 54	12 9	10 44	21 36	25	16 16	45	33	18		
Tu	26 3 51	13 22	11 53	6 14	26	14 17	24	33	19		
W	27 4 49	14 34	13 1	20 47	27	12 18	2	33	21	14	
Th	28 5 46	15 47	14 18	5 10	13 28	9 10	18 41	17 33	16 23	14	
F	29 6 43	17 0	15 34	19 15	29	9 19	20	32	25		
S	30 7 40	18 13	16 57	2 59	30	8 19	59	32	27		

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich
June, 1923
Full Moon June 28, 1:04 P. M. in $\text{W } 5^{\circ} 49'$
Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂								
H. M.	°	S	'	°	N	'	°	N	'	°	S	'	°	N	'						
14	36	18	26	1	21	57	14	15	18	20	2	55	13	54	24	25	5	42	16	19	
2	40	17	17	3	22	13	15	0	17	44	54	51	24	42	18						
3	44	15	12	5	22	28	15	44	17	14	54	48	23	41	18						
4	48	12	24	7	22	41	16	26	16	52	53	45	21	41	17						
5	52	9	7	9	22	52	17	6	16	38	53	42	18	40	16						
6	55	5	30	11	23	2	17	45	16	33	53	40	14	40	16						
				13	23	10	18	22	16	35	53	38	10	39	15						
74	59	1	45	15	23	17	18	58	16	45	53	36	5	39	14						
85	3	2	N 2	17	23	22	19	31	17	2	54	34	23	59	13						
9	7	5	43	19	23	25	20	3	17	25	54	32	52	38	12						
0	11	9	12	21	23	27	20	32	17	54	55	31	44	38	11						
1	15	12	19	23	23	27	20	59	18	27	56	30	36	38	10						
2	19	14	58	25	23	25	21	24	19	3	57	29	27	38	9						
3	23	16	59	27	23	22	21	46	19	42	58	28	17	38	8						
				29	23	17	22	6	20	21	3	0	27	39	7						
45	27	18	15																		
5	31	18	39																		
Latitude of the Planets																					
D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
°	N	'	°	S	'	°	S	'	°	N	'	°	N	'	°	S	'	°	N	'	
6		35	18	7																	
7		39	16	38																	
8		43	14	15	1	4	34	1	36	2	50	2	39	1	16	0	58	0	46	0	12
9		47	11	5	3	3	6		33	3	16		38		15		59		46		12
0		51	7	17	5	1	5		31		37		38		15		59		46		12
					7	1	S 2		28		53		37		15	1	0		46		12
15	55	3	2	9	2	56	24	4	4		37		14		0		46		12		12
2	59	1	S 26	11	4	19	21		10		36		14		1		46		12		12
36	2	5	54	13	4	59	17		12		36		13		1		47		12		12
4	6	10	4	15	4	43	13		9		35		13		2		47		12		12
5	10	13	41	17	3	31	9		2		35		12		2		47		12		12
6	14	16	26	19	1	32	5	3	51		34		12		3		47		12		12
7	18	18	8	21	0	N 52	1		38		34		11		3		47		12		12
				23	3	7	0	56	21		33		11		3		47		12		12
86	22	18	39	25	4	39	52		2		33		10		4		47		12		12
9	26	17	59	27	5	0	47	2	42		32		10		4		47		12		12
0	30	16	17	29	4	7	42		19		32		9		4		47		12		12

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

July, 1923

New Moon July 14th, 0:45 A. M., in ϖ $20^{\circ} 34'$

Longitude of the Planets

Day	☉ ♌	♀ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊
Su	18 37	19 26	18 21	16 18	13 32	9 R	7 20	38 17	32 16	29 14	14
M	29 35	20 39	19 52	29 13	33		6 21	16 32	31		
Tu	3 10	32 21	52 21	23 11	47 35		5 21	55 31	33		
W	4 11	29 23	5 23	1 24	2 37		5 22	34 31	34		
Th	5 12	26 24	18 24	39 6	4 39		4 23	13 30	36		
F	6 13	23 25	31 26	24 17	57 41		4 23	51 29	38		
S	7 14	21 26	44 28	8 29	48 13	43 9	4 24	30 17	28 16	40 14	14
Su	8 15	18 27	57 29	59 11	8 40	45	D4 25	8 27	42		
M	9 16	15 29	10 1	49 23	38 47		4 25	47 26	44		
Tu	10 17	12 29	23 3	46 5	47 49		4 26	26 26	46		
W	11 18	9 1	36 5	42 18	9 51		5 27	5 25	48		
Th	12 19	7 2	50 7	42 0	46 53		6 27	43 24	50		
F	13 20	4 4	3 9	43 13	38 56		7 28	22 23	52		
S	14 21	1 5	16 11	48 26	45 13	59 9	8 29	0 17	22 16	54 14	14
Su	15 21	58 6	29 13	52 10	5 14	2	10 29	39 21	56		
M	16 22	56 7	43 15	59 23	38 5		11 0	17 20	58 13		
Tu	17 23	53 8	56 18	6 7	21 8		13 0	56 19	17 0		
W	18 24	50 10	10 20	14 21	13 11		15 1	34 18	2		
Th	19 25	47 11	23 22	23 5	12 14		17 2	13 17	4		
F	20 26	45 12	36 24	31 19	18 17		19 2	51 16	6		
S	21 27	42 13	50 26	39 3	28 14	20 9	22 3	30 17	15 17	8 13	13
Su	22 28	39 15	4 28	46 17	42 24		24 4	8 14	10		
M	23 29	36 16	17 0	53 1	57 27		27 4	47 12	13		
Tu	24 0	34 17	31 2	59 16	9 30		30 5	25 11	15		
W	25 1	31 18	44 5	4 0	16 34		33 6	4 10	17		
Th	26 2	28 19	58 7	14 7	12 38		36 6	42 8	19		
F	27 3	26 21	11 9	10 27	55 42		40 7	21 6	22		
S	28 4	23 22	25 11	10 11	20 14	46 9	43 7	59 17	5 17	24 13	13
Su	29 5	20 23	38 13	10 24	26 49		47 8	38 4	26		
M	30 6	18 24	52 15	7 7	13 53		51 9	16 2	28		
Tu	31 7	15 26	5 17	4 19	42 57		55 9	54 0	30		

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich
July, 1923
Full Moon July 27, 10:33 P. M., in $\approx 3^{\circ} 51'$
Declination of the Planets

S. T.	Dec.	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
H. M.	° S	'	° N	'	° N	'	° N	'	° S	'	° S	'	° N	'	° S	'	° N	'
6 34	13	44	1 23	10	22	24	21	13	1 13	27	22	56	5 40	16	6			
38	10	34	3 23	2	22	39	21	39	3	27		44	40		5			
42	7	1	5 22	52	22	52	22	14	5	27		32	41		4			
46	3	14	7 22	40	23	2	22	45	7	28		18	41		2			
50	0	N 36	9 22	27	23	9	23	9	9	28		5	42		1			
54	4	22	11 22	13	23	14	23	26	11	29	21	50	42		0			
			13 21	57	23	16	23	34	13	30		35	43	15	59			
6 58	7	56	15 21	39	23	15	23	32	16	32		19	44		58			
7 2	11	12	17 21	20	23	11	23	19	18	33		3	45		56			
6	14	2	19 21	0	23	5	22	55	21	35	20	46	46		55			
10	16	18	21 20	38	22	56	22	20	24	37		28	47		54			
13	17	52	23 20	14	22	44	21	36	27	39		10	48		53			
17	18	36	25 19	50	22	30	20	42	30	41	19	52	49		51			
21	18	24	27 19	24	22	13	19	42	34	44		32	50		50			
			29 18	57	21	54	18	35	37	47		13	51		48			
7 25	17	13	31 18	28	21	31	17	22	41	50	18	52	53		47			
29	15	4																
33	12	5																
37	8	24																
41	4	13																
45	0	S 14	1 2	19	0	38	1	56	2	31	1	9	1	5	0	47	0	12
49	4	41	3 0	9		33		31		31		8		5		47		12
			5 1	S 58		28		6		30		8		5		47		12
7 53	8	54	7 3	42	22	0	41		30		7		6		47		12	
57	12	37	9 4	48	18		16		29		7		6		48		12	
8 1	15	35	11 5	4	13	0	N 7		29		6		6		48		12	
	5	17	37	13	4	23		8	29		28		5		6		48	12
	9	18	33	15	2	45		3	49		28		5		7		48	12
	13	18	20	17	0	27	0	N 2	1	6	27		4		7		48	12
	17	17	3 19	2	N 0		7		20		27		4		7		48	12
			21	4	1	12		32	26		3		7		48		12	
8 21	14	51	23	5	4	17		40	26		3		8		48		12	
	24	11	55	25	4	54		22	45		2		8		48		12	
	28	8	29	27	3	36		27	47		2		8		48		12	
	32	4	44	29	1	33		31	47		2		8		48		12	
			31	0	S 43		36		44		24		1		8		48	12

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

August, 1923

New Moon August 12th, 11:17 A. M., in Ω $18^{\circ} 43'$

Longitude of the Planets

Day	☉ ♌	♀ ♍	♂ ♌	♂ ♍	♂ ♎	♂ ♏	♂ ♐	♂ ♑	♂ ♒	♂ ♓
W	1 8 12	27 19	18 58	1 56	15 1	9 59	10 32	16 59	17 32	13
Th	2 9 10	28 33	20 52	13 58	6 10	4 11	11 11	57	34	
F	3 10 7	29 46	22 43	25 52	10	9 11	11 49	55	36	12
S	4 11 5	1 Ω 0	24 34	7 8 43	15	14 12	28	53	39	
Su	5 12 2	2 14	26 21	19 37	19	19 13	6	51	41	
M	6 13 0	3 28	28 9	1 Π 37	24	24 13	44	49	43	
Tu	7 13 57	4 41	29 53	13 48	15 28	10 29	14 22	16 47	17 45	12
W	8 14 55	5 55	1 π 38	26 15	33	34 15	1	45	48	
Th	9 15 52	7 9	3 19	8 Σ 59	37	39 15	39	43	50	
F	10 16 50	8 23	5 0	22 3	42	45 16	17	41	52	
S	11 17 47	9 37	6 38	5 Ω 26	47	51 16	55	39	54	
Su	12 18 45	10 51	8 17	19 8	52	57 17	34	37	57	
M	13 19 42	12 5	9 52	3 π 5	57 11	3 18	12	35	59	
Tu	14 20 40	13 19	11 27	17 14	16 3	11 10	18 51	16 33	18 1	12
W	15 21 38	14 33	12 59	1 Σ 31	8	16 19	29	31	3	
Th	16 22 35	15 47	14 31	15 52	13	22 20	7	29	6	
F	17 23 33	17 1	16 0	0 π 13	18	29 20	45	27	8	
S	18 24 31	18 16	17 29	14 31	24	36 21	24	25	10	
Su	19 25 29	19 30	18 55	28 42	29	43 22	2	23	12	
M	20 26 26	20 44	20 21	12 \dagger 46	35	50 22	40	20	15	
Tu	21 27 24	21 58	21 43	26 39	16 40	11 57	23 18	16 18	18 17	12
W	22 28 22	23 12	23 6	10 Σ 22	46	12 5	23 56	16	19	11
Th	23 29 20	24 26	24 25	23 52	51	12 24	34	14	21	
F	24 0 π 18	25 41	25 45	7 \sim 8	57	20 25	13	11	23	
S	25 1 15	26 55	27 0	20 10	17 3	27 25	51	9	25	
Su	26 2 13	28 9	28 16	2 \times 57	9	35 26	29	7	27	
M	27 3 11	29 23	29 28	15 30	15	43 27	7	5	29	
Tu	28 4 9	0 π 38	0 Σ 40	27 50	17 21	12 52	27 45	16 2	18 32	11
W	29 5 7	1 52	1 48	9 γ 59	27 13	0 28	23	0	34	
Th	30 6 5	3 7	2 56	21 58	33	8 29	2	15 58	36	
F	31 7 3	4 21	3 59	3 8 51	39	16 29	40	56	38	

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

August, 1923

Full Moon August 26, 10:29 A. M., in κ $2^{\circ} 9'$

Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂			
H. M.	° S	'	° N	'	° N	'	° N	'	° S	'	° S	'	° N	'	
1	8	36 0	53	1	18 13	21 19	16 45	3	42	13 51	18 42	5	53	15 47	
2		40 2	N 57	2	17 58	21 7	16 6		44	53	31		54	46	
3		44 6	37	4	17 27	20 40	14 46		48	57	10		55	45	
4		48 10	0	6	16 55	20 10	13 24		52	14 0	17 48		57	43	
5		52 12	59	8	16 22	19 38	12 0		56	4	26		58	42	
6		56 15	27	10	15 48	19 4	10 35	4	0	8	3 6		0	40	
				12	15 13	18 28	9 10		4	12	16 40		2	39	
7	9	0 17	17	14	14 37	17 50	7 44		8	16	17		3	38	
8		4 18	20	16	13 59	17 9	6 19		12	21	15 53		5	37	
9		8 18	30	18	13 21	16 27	4 55		17	25	28		6	35	
0		12 17	42	20	12 43	15 43	3 32		21	30	3		8	34	
1		16 15	55	22	12 3	14 57	2 11		26	35	14 38		10	32	
2		20 13	11	24	11 22	14 10	0 51		31	40	13		12	31	
3		24 9	39	26	10 41	13 20	0 s 26		35	45	13 47		12	30	
				28	10 0	12 30	1 41		40	50	20		15	29	
4	9	28 5	32	30	9 17	11 38	2 52		45	56	12 54		17	27	
5		31 1	3	Latitude of the Planets											
6		35 3	s 30												
D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
° S	'	° N	'	° N	'	° N	'	° N	'	° N	'	° S	'	° N	'
7		39 7	51												
8		43 11	43	1	1 48	0 38	1 41	2	24	1 1	8 0	48 0	12		
9		47 14	52	2	2 47	40	38		24	0	8	48	12		
0		51 17	7	4	4 20	44	31		23	0	8	48	12		
1	9	55 18	19	6	5 8	48	22	23	0	59	9	48	13		
2		59 18	26	8	5 4	52	11	22	59	9	48	13			
3	10	3 17	30	10	3 59	56 0	58	22	58	9	48	13			
4		7 15	37	12	2 0	59	45	22	58	9	48	13			
5		11 12	57	14	0 N 31	1 2	30	21	57	9	49	13			
6		15 9	42	16	2 58	6	14	21	57	9	49	13			
7		19 6	4	18	4 42	8 0	s 2	21	57	9	49	13			
				20	5 16	11	19	20	56	9	49	13			
8	10	23 2	14	22	4 37	14	37	20	56	9	49	13			
9		27 1	N 38	24	2 59	16	55	20	55	9	49	13			
0		31 5	22	26	0 47	18 1	14	19	55	9	49	13			
1		35 8	52	28	1 s 30	20	33	19	54	9	49	13			
				30	3 26	21	51	19	54	9	49	13			

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

September, 1923

New Moon September 10th, 8:53 P. M., in ♍ 17° 6'

Longitude of the Planets

Day	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊					
S	18	15	35	5	3	15	43	17	45	13	25	0	18	15	R53	18	41	11		
Su	28	59	6	49	5	58	27	36	51	34	0	56	51	43						
M	39	57	8	4	7	0	9	II35	57	43	1	35	48	45						
Tu	4	10	55	9	18	7	53	21	45	18	3	52	2	13	46	47				
W	5	11	54	10	33	8	46	4	♊11	10	14	1	2	51	43	49				
Th	6	12	52	11	47	9	32	16	56	16	10	3	29	41	51					
F	7	13	50	13	2	10	19	0	♋3	18	23	14	19	4	7	15	39	18	53	11
S	8	14	48	14	16	10	58	13	34	29	28	4	45	37	55					
Su	9	15	47	15	31	11	38	27	29	36	38	5	24	34	57					
M	10	16	45	16	46	12	9	11	♍45	42	47	6	2	32	59	10				
Tu	11	17	43	18	1	12	40	26	18	49	57	6	40	29	19	1				
W	12	18	42	19	15	13	2	11	♎2	55	15	7	18	27	3					
Th	13	19	40	20	30	13	24	25	49	19	2	17	7	56	24	5				
F	14	20	39	21	44	13	34	10	♎34	19	9	15	27	8	34	15	22	19	7	10
S	15	21	37	22	59	13	45	25	8	16	37	9	13	19	9					
Su	16	22	36	24	13	13	R44	9	♏29	23	47	9	51	17	11					
M	17	23	34	25	28	13	43	23	32	29	57	10	29	14	13					
Tu	18	24	33	26	43	13	28	7	♊16	36	16	7	11	7	12	15				
W	19	25	31	27	58	13	13	20	43	43	18	11	45	10	17					
Th	20	26	30	29	12	12	44	3	♋53	50	28	12	23	8	19					
F	21	27	29	0	♎27	12	16	16	47	19	57	16	39	13	1	15	5	19	20	10
S	22	28	27	1	42	11	33	29	27	20	4	50	13	39	3	22				
Su	23	29	26	2	57	10	50	11	♏55	11	17	1	14	18	1	24				
M	24	0	♎25	4	11	9	55	24	13	18	12	14	56	14	59	26				
Tu	25	1	23	5	26	9	0	6	♏22	25	23	15	34	56	28					
W	26	2	22	6	41	7	56	18	23	32	34	16	12	54	30					
Th	27	3	21	7	56	6	52	0	♏19	39	45	16	50	52	32					
F	28	4	20	9	10	5	45	12	10	20	46	17	56	17	28	14	50	19	33	10
S	29	5	19	10	25	4	38	24	1	53	18	7	18	7	47	34	9			
Su	30	6	18	11	40	3	34	5	II54	21	0	18	18	45	45	36				

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich
September, 1923
Full Moon Sept. 25, 1:16 A. M. in γ $0^{\circ} 57'$
Declination of the Planets

S. T.	Dec.	D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
H. M.	°	N	'	°	N	'	°	N	'	°	S	'	°	S	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°</

Latitude of the Planets

			Latitude of the Planet									
	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
	°	S	'	°	N	'	°	S	'	°	N	'
38	16	40										
42	18	8										
46	18	30	1	4	46	1	22	2	10	2	18	0
49	17	48	3	5	17		23		28		18	
53	16	9	5	4	53		24		46		18	
			7	3	30		25	3	3		18	
11	57	13	42	9	1	17		25		18		17
12	1	10	38	11	1	N 21		25		32		17
	5	7	8	13	3	42		25		44		17
	9	3	22	15	5	4		24		54		17
	13	0	N 30	17	5	10		23		59		17
	17	4	17	19	4	6		22	4	0		17
	21	7	53	21	2	13		21	3	55		16
				23	0	S 2		19		44		16
12	25	11	8	25	2	13		17		25		16
	29	13	56	27	3	57		15	2	58		16
	33	16	10	29	5	0		13		25		16

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

October, 1923

New Moon October 10th, 6:05 A. M. in $\approx 15^{\circ} 54'$

Longitude of the Planets

Day	☉ \approx	♀ \approx	♂ \approx	♂ \approx	♂ \approx	♂ \approx	♂ \approx	♂ \approx	♂ \approx	♂ \approx	♂ \approx
M	17 17	12 55	2 R30	17 52	21 7	18 30	19 23	14R43	19 38	9	
Tu	28 16	14 10	1 36	0 \approx 0	14	41 20	1	41	40		
W	39 15	15 25	0 42	12 21	22	53 20	39	38	41		
Th	4 10	14 16	39 0	4 25	2	29 19	4 21	17	36	43	
F	5 11	13 17	54 29	m26	8 \approx 4	36	16 21	56	34	45	
S	6 12	12 19	9 29	8 21	32	43	28 22	34	32	46	
Su	7 13	12 20	24 28	50 5	m28	21 51	19 40	23 12	14 30	19 47	9
M	8 14	11 21	39 28	b53	19 50	58	52 23	50	28	49	
Tu	9 15	10 22	54 28	57 4	\approx 35	22 5	20 4 24	29	26	51	
W	10 16	9 24	9 29	21 19	38	12	16 25	7	24	52	
Th	11 17	9 25	24 29	45 4	m48	20	28 25	45	22	53	
F	12 18	8 26	38 0	\approx 27	19 56	27	40 26	23	20	55	
S	13 19	8 27	53 1	10 4	† 52	35	52 27	2	18	56	
Su	14 20	7 29	8 2	8 19	28	22 42	21 4 27	40	14 16	19 57	9
M	15 21	7 0	m23	3 7	3 W41	49	17 28	18	15	58	
Tu	16 22	6 1	38 4	18 17	28	56	29 28	56	13 20	0	
W	17 23	6 2	53 5	30 0	\approx 50	23 4	42 29	35	11	1	
Th	18 24	5 4	8 6	51 13	49	11	54 0	\approx 13	9	2 8	
F	19 25	5 5	23 8	12 26	30	18 22	7 0	51	8	3	
S	20 26	4 6	38 9	40 8	\approx 55	25	19 1	29	6	4	
Su	21 27	4 7	53 11	8 21	9	23 33	22 32	2 8	14 4	20 5	8
M	22 28	4 9	7 12	41 3	\approx 14	40	44 2	46	3	6	
Tu	23 29	3 10	22 14	14 15	13	48	57 3	24	2	7	
W	24 0	m3	11 37	15 50	27	8	55 23	9 4	2	0	8
Th	25 1	3 12	52 17	26 9	8 0	24 2	22 4	41	13 58	9	
F	26 2	3 14	7 19	4 20	52	9	35 5	19	57	10	
S	27 3	3 15	22 20	42 2	\approx 44	17	48 5	57	56	11	
Su	28 4	3 16	37 22	21 14	39	24 24	24 1	6 35	13 55	20 12	8
M	29 5	2 17	52 24	1 26	39	31	14 7	14	54	13	
Tu	30 6	2 19	7 25	40 8	\approx 47	38	27 7	52	53	14	
W	31 7	2 20	22 27	20 21	7	46	40 8	30	52	14	

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

October, 1923

Full Moon October 24, 6:26 P. M. in γ $0^{\circ} 19'$

Declination of the Planets

S. T.	Dec.	D	♈	♉	♊	♋	♌	♍	♎	♏						
H. M.	°	N	°	S	°	S	°	S	°	S	°	N	°	S	°	N
12 37 17	43	1	2 53 4	1 3 38	6 9 16	34 5 14	6 46 15	9								
41 18 26	3 3 40	5 1 1 18	14 40 4	44 48												
45 18 25	5 4 26	6 1 0 10	20 47	14 50												
49 17 25	7 5 12	7 1 0 N 38	25 54	3 43	51	6										
53 15 29	9 5 58	8 0 1 6	30 17 0	13 53	5											
56 12 40	11 6 44	8 58 1 11	36 7 2	42 54	4											
	13 7 29	9 56 0 56	41 14 12	55 5	3											
13 0 9	1 15 8 14	10 52 0 24	47 20 1	41 56	3											
4 4 45	17 8 59	11 48 0 S 24	52 27 10	58 1												
8 0 4	19 9 42	12 42 1 23	57 34 0	39 59	1											
12 4 S 41	21 10 26	13 35 2 31	7 3 40	9 7 0	0											
16 9 11	23 11 8	14 27 3 46	8 47 0 S 22	1 14	59											
20 13 4	25 11 50	15 18 5 4	13 53 53	2 59												
24 16 3	27 12 32	16 7 6 25	19 18 0 1	23 3	59											
	29 13 12	16 54 7 47	24 7 54	4 58												
13 28 17	56 31 13 52	17 40 9 9	29 13 2	25 5	58											
32 18 38																
36 18 11																
40 16 44																
44 14 26																
48 11 29	1 5 12	1 11 1 47	2 16 0 48	1 7 0	49 0	13										
52 8 4	3 4 29	8 6 16	48 7 49	13												
	5 2 52	5 0 26	16 48 7	48 13												
13 56 4	22 7 0 31	2 0 N 11	16 47 7	48 13												
14 0 0	31 9 2 N 4	0 58 44	15 47 6	48 13												
4 3 N 18	11 4 11	55 1 11	15 47 6	48 13												
7 6 59	13 5 9	51 32	15 47 6	48 13												
11 10 22	15 4 46	47 47	15 46 5	48 13												
15 13 20	17 3 20	43 57	15 46 5	48 13												
19 15 46	19 1 17	39 2 2	15 46 5	48 14												
	21 0 S 56	35 3 15	46 5 48	14												
14 23 17	31 23 2 55	30 0 15	45 4 48	14												
27 18 32	25 4 21	26 1 55	16 45 4	48 14												
31 18 43	27 5 3	21 48	16 45 4	48 14												
35 18 1	29 4 52	16 39	16 45 3	48 14												
	31 3 49	11 28	16 45 3	48 14												

Latitude of the Planets

D	D	♈	♉	♊	♋	♌	♍	♎	♏												
°	S	°	N	°	S	°	N	°	S	°	N										
1	5	12	1	11	1	47	2	16	0	48	1	7	0	49	0	13					
	3	4	29		8		6		16		48		7		49		13				
	5	2	52		5	0	26		16		48		7		48		13				
13	56	4	22		7	0	31		2	0	N 11		16		47		7		48		13
14	0	0	31		9	2	N 4	0	58		44		15		47		6		48		13
	4	3	N 18		11	4	11		55	1	11		15		47		6		48		13
	7	6	59		13	5	9		51		32		15		47		6		48		13
	11	10	22		15	4	46		47		47		15		46		5		48		13
	15	13	20		17	3	20		43		57		15		46		5		48		13
	19	15	46		19	1	17		39	2	2		15		46		5		48		14
					21	0	S 56		35		3		15		46		5		48		14
14	23	17	31		23	2	55		30		0		15		45		4		48		14
	27	18	32		25	4	21		26	1	55		16		45		4		48		14
	31	18	43		27	5	3		21		48		16		45		4		48		14
	35	18			29	4	52		16		39		16		45		3		48		14
					31	3	49		11		28		16		45		3		48		14

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

November, 1923

New Moon November 8th, 3:27 P. M. in η $15^{\circ} 13'$

Longitude of the Planets

Day	☉ η	♀ η	♂ \approx	♂ \approx	♂ \approx	♂ \approx	♂ \approx	♂ \approx	♂ \approx	♂ \approx	♂ \approx
Th	1 8	2 21 37	28 59 3	42 24 53	24 53 9	8 13	50 20	15 8			
F	2 9	3 22 52	0 η 39	16 37 25	0 25 6	9 47	49	16			
S	3 10	3 24 7	2 18 29	56 7	19 10	25 48	17				
Su	4 11	3 25 22	3 58 13	η 42	14 32	11 4	47	17			
M	5 12	3 26 36	5 36 27	57 21	45 11	42 46	18				
Tu	6 13	3 27 51	7 15 12	\approx 38	28 58	12 20	45	19	7		
W	7 14	3 29 6	8 53 27	42 25	35 26	11 12	58 13	44 20	20 7		
Th	8 15	4 0 \dagger 21	10 31 13	η 0	43 24	13 37	44	20			
F	9 16	4 1 36	12 8 28	20 50	37 14	15 43	20				
S	10 17	4 2 51	13 46 13	\dagger 32	57 51	14 54	42	20			
Su	11 18	5 4 6	15 23 28	24 26	4 27	4 15	32 41	21			
M	12 19	5 5 21	17 0 12	\vee 50	11 17	16 11	41	21			
Tu	13 20	5 6 36	18 36 26	47 17	30 16	49 41	21				
W	14 21	6 7 51	20 13 10	\approx 14	26 24	27 44	17 27	13 40	20 22	7	
Th	15 22	6 9 6	21 48 23	14 31	57 18	5 40	22				
F	16 23	7 10 21	23 24 5	\times 52	38 28	11 18	44 39	23			
S	17 24	7 11 36	24 59 18	11 45	24 19	22 39	23				
Su	18 25	8 12 51	26 34 0	γ 17	52 37	20 1	39 23				
M	19 26	8 14 6	28 8 12	15 58	50 20	39 38	23				
Tu	20 27	9 15 21	29 43 24	8 27	5 29	4 21	18 38	23			
W	21 28	9 16 35	1 \dagger 17	5 8 59	27 11	29 17	21 56	13 38	20 23	7	
Th	22 29	10 17 50	2 52 17	50 18	31 22	35 38	23				
F	23 0 \dagger	11 19 5	4 25 29	44 24	44 23	13 38	23				
S	24 1	11 20 20	5 59 11	Π 41	31 57	23 52	δ 38	23			
Su	25 2	12 21 35	7 33 23	43 37	0 \dagger 10	24 30	38	\mathbf{R} 23	6		
M	26 3	13 22 50	9 7 5	\subseteq 51	44 24	25 8	38	23			
Tu	27 4	13 24 5	10 40 18	6 50	37 25	46 39	23				
W	28 5	14 25 20	12 13 0	Ω 30	27 57	0 51	26 25	13 39	20 23	6	
Th	29 6	15 26 34	13 46 13	8 28	3 1 4	27 3	39	23			
F	30 7	16 27 49	15 20 26	1 9	18 27	42 40	23				

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

November, 1923

Full Moon November 23, 0:58 P. M., in Π $0^{\circ} 13'$

Declination of the Planets

S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂
H. M.	° N	° S	° S	° S	° S	° S	° S	° S	° S	° S	° N
14 39	16 25	1 14	11 18	2 9	49 7	32 18	16 2	40 7	6 14	58	
43	13 58	2 14	31 18	23 10	30 34	20 55	6 57				
47	10 42	4 15	9 19	5 11	49 39	26 3 25	7 57				
51	6 45	6 15	46 19	45 13	7 44	32 56	7 56				
55	2 18	8 16	21 20	22 14	22 49	39 4 26	8 56				
59	2 s 26	10 16	56 20	57 15	34 54	45 56	8 56				
		12 17	30 21	30 16	44 59	51 5 26	9 56				
15 3	7 8	14 18	2 22	1 17	50 8	4 57	56 9	56			
7	11 25	16 18	33 22	29 18	52 9	19 3 6 26	9 55				
11	14 58	18 19	3 22	54 19	51 13	9 55	9 55				
14	17 26	20 19	32 23	17 20	46 18	15 7 24	10 55				
18	18 41	22 19	59 23	36 21	37 22	21 53	10 55				
22	18 40	24 20	24 23	53 22	23 27	27 8 22	9 55				
26	17 30	26 20	48 24	8 23	5 31	33 51	9 55				
		28 21	11 24	19 23	43 35	38 9 20	9 55				
15 30	15 22	30 21	32 24	27 24	15 40	44 48	9 55				

Latitude of the Planets

D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
° S	° N	° N	° N	° N	° N	° N	° S	° N	° N	° N	° N
1 2	59 0	9 1	22 2	16 0	44 1	3 0	48 0	14			
2 1	59 6	17	16	44	2	48	14				
4 0	N 22	1	5	16	44	2	48	14			
6 2	47 0	s 4	0 52	16	44	2	48	14			
8 4	32 8	39	16	44	1	47	14				
10 5	2 14	25	16	44	1	47	14				
12 4	11 19	12	17	43	0	47	14				
14 2	24 24	0 s 2	17	43	0	47	14				
16 0	14 29	15	17	43	0	59	47	14			
18 1	s 53	34	28	17	43	59	47	14			
20 3	36 38	41	17	43	58	47	14				
22 4	42 43	54	18	43	58	47	14				
24 4	59 48	1	6	18	43	57	47	14			
26 4	23 52	17	18	42	57	47	14				
28 2	58 57	28	18	42	56	47	14				
30 0	56 1	1	38	19	42	55	47	14			

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

December, 1923

New Moon December 8th, 1:30 A. M. in \uparrow $14^{\circ} 56'$

Longitude of the Planets

Day	☉ ♈	♀ ♉	♂ ♊	♄ ♋	♅ ♌	♆ ♍	♇ ♎	♈ ♏	♉ ♐	♊ ♑	♋ ♒
S	18 17	29 4	16 52	9 13	28 15	1 31	28 20	13 40	20R22	6	
Su	2 9 17	0V3 19	18 25	22 49	22	44	28 59	40	22		
M	3 10 18	1 34	19 58	6 ♄49	28	57	29 37	41	22		
Tu	4 11 19	2 49	21 31	21 15	34 2	11 0m	16 41	21			
W	5 12 20	4 3	23 3 6	m 4	40	24 0	54 42	21			
Th	6 13 21	5 18	24 36	21 9	46	37 1	33 42	21			
F	7 14 22	6 33	26 8 6	♄ 23	28 51	2 50	2 11	13 42	20 20	6	
S	8 15 23	7 48	27 41	21 33	57 3	4 2	50 43	20			
Su	9 16 24	9 3	29 13 6	V3 29	29 3	17 3	28 44	19			
M	10 17 25	10 18	0V3 45	21 2	9	30 4	7 45	19			
Tu	11 18 26	11 32	2 17 5	♄ 8	15	44 4	45 46	18			
W	12 19 27	12 47	3 49 18	43	20	57 5	24 47	18			
Th	13 20 28	14 2 5	19 1 1	♄ 50	25 4	10 6	2 48	17			
F	14 21 29	15 17 6	50 14 32	29 31	4 23	6 41	13 49	20 16	5		
S	15 22 30	16 31 8	20 26 53	36	36 7	19 50	16				
Su	16 23 31	17 46 9	50 8 7	♄ 59	41	49 7	58 51	15			
M	17 24 32	19 1 11	18 20 56	46 5	2 8	37 52	14				
Tu	18 25 33	20 16 12	46 2 8	47 52	15 9	16 54	13				
W	19 26 34	21 30 14	12 14 37	57	28 9	54 55	13				
Th	20 27 36	22 45 15	38 26 30	0 m 2	41 10	33 56	12				
F	21 28 37	24 0 17	0 8 27	0 7 5	54 11	11 13	57 20	11 5			
S	22 29 38	25 15 18	23 20 32	12 6	7 11	50 59	10				
Su	23 0V3 39	26 29 19	40 2 43	16	19 12	28 14	0 9				
M	24 1 40	27 44 20	58 15 4	21	32 13	7 1	8				
Tu	25 2 41	28 58 22	9 27 33	25	45 13	45 3	7				
W	26 3 42	0V3 13	23 21 10	♄ 12	30	58 14	24 5	6			
Th	27 4 43	1 27 24	23 23 3	34 7	10 15	2 6	5				
F	28 5 44	2 42 25	26 6 5	0 39 7	23 15	41 14	8 20	4 5			
S	29 6 46	3 56 26	17 19 22	43	35 16	19 10	3				
Su	30 7 47	5 11 27	8 2 56	48	48 16	58 12	1				
M	31 8 48	6 25 27	44 16 48	52 8	0 17	37 14	0				

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

December, 1923

Full Moon December 23, 7:33 A. M. in ϖ $0^{\circ} 28'$

Declination of the Planets

S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
H. M.	° N	'	° S	' S	' S	' S	' S	' S	' S	' S	' S	' S	' N	'
16 37 8	20		1 21 42	24 30	24 30	8 42	19 47	10 27	8 14	56				
41 4	9		2 21 51	24 32	24 43	44	50	16	8	56				
45 0 s	22		4 22 9	24 35	25 5	48	55	43	7	56				
49 5	0		6 22 24	24 34	25 22	52	20 0	11 11	7	56				
53 9	27		8 22 39	24 30	25 33	55	6	38	6	57				
57 13	23		10 22 51	24 23	25 39	59	11 12	5	6	57				
			12 23 2	24 13	25 39	9 3	16	31	5	58				
17 1 16	27		14 23 10	24 1	25 33	6	21	57	5	58				
5 18	22		16 23 17	23 45	25 21	10	25 13	23	4	59				
9 18	59		18 23 22	23 27	25 3	13	30	48	3	59				
13 18	19		20 23 25	23 5	24 39	16	35 14	13	2	59				
17 16	31		22 23 27	22 41	24 10	19	39	38	0	15 0				
21 13	51		24 23 26	22 14	23 35	22	44 15	26	59	1				
25 10	32		26 23 24	21 45	22 57	25	48	26	58	1				
			28 23 19	21 13	22 16	28	52	49	56	2				
17 29 6	50		30 23 13	20 38	21 33	30	56 16	12	55	3				
32 2	57		31 23 9	20 20	21 12	31	58	23	54	3				
36 0	N 59		Latitude of the Planets											
40 4	49													
44 8	26		D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
48 11	43		° N	' S	' S	' N	' N	' N	' S	' N				
52 14	32		1 0 14	1 3 1	42 2	19 0	42 0	55 0	47 0	14				
			2 1 25	5 47	19	42	55	47	14					
17 56 16	46		4 3 32	10 55	19	42	54	46	14					
18 0 18	17		6 4 50	13 2	20	42	53	46	14					
4 18	59		8 4 49	17 8	20	42	53	46	14					
8 18	48		10 3 31	21 12	20	42	52	46	15					
12 17	42		12 1 27	24 15	21	42	51	46	15					
16 15	44		14 0 s 49	27 17	21	42	51	46	15					
20 12	57		16 2 49	30 16	21	41	50	46	15					
			18 4 16	32 13	22	41	49	46	15					
18 24 9	29		20 4 59	35 8	22	41	48	46	15					
28 5	29		22 4 50	37 1	59	23	41	47	46	15				
32 1	s 8		24 3 49	39 48	23	41	47	46	15					
36 3	22		26 2 2	40 33	23	41	46	46	15					
			28 0 N 13	42 13	24	41	45	45	15					
			30 2 30	43 0	50	24	41	44	45	15				
			31 3 30	43 35	24	41	44	45	15					

Latitude of the Planets

Latitude of the Planets																				
D		D		♀		♂		♂		♂		♂		♂		♂				
° N		'		° S		'		° N		'		° N		'		° N				
44	8	26		1	0	14	1	3	1	42	2	19	0	42	0	55	0	47	0	14
48	11	43		2	1	25		5		47		19		42		55		47		14
52	14	32		4	3	32		10		55		19		42		54		46		14
17	56	16	46	6	4	50		13	2	2		20		42		53		46		14
18	0	18	17	8	4	49		17		8		20		42		53		46		14
	4	18	59	10	3	31		21		12		20		42		52		46		15
	8	18	48	12	1	27		24		15		21		42		51		46		15
	12	17	42	14	0	S 49		27		17		21		42		51		46		15
	16	15	44	16	2	49		30		16		21		41		50		46		15
	20	12	57	18	4	16		32		13		22		41		49		46		15
18	24	9	29	20	4	59		35		8		22		41		48		46		15
	28	5	29	22	4	50		37	1	59		23		41		47		46		15
	32	1	S 8	24	3	49		39		48		23		41		47		46		15
	36	3	22	26	2	2		40		33		23		41		46		46		15
				28	0	N 13		42		13		24		41		45		45		15
				30	2	30		43	0	50		24		41		44		45		15
				31	3	30		43		35		24		41		44		45		15

TABLE OF PROPORTIONAL LOGARITHMS

Hours or Degrees

Min.	0	1	2	3	4	5	6	7	8	9	10	11
0	3.1584	1.3802	1.0792	9031	7781	6812	6021	5351	4771	4260	3802	3388
1	3.1584	.3730	.0756	07	63	6798	09	41	62	52	3795	82
2	2.8573	.3660	.0720	8983	45	84	5997	30	53	44	88	78
3	.6812	.3590	.0685	59	28	69	85	20	44	36	80	68
4	.5563	.3522	.0649	8935	10	55	73	10	35	28	73	62
5	2.4594	1.3454	1.0614	8912	7692	6741	5961	5300	4726	4220	3766	3355
6	.3802	.3388	.0580	8888	74	26	49	5289	17	12	59	45
7	.3133	.3323	.0546	65	57	12	37	79	08	04	52	42
8	.2553	.3258	.0511	42	39	6598	25	69	4699	4196	45	36
9	.2041	.3195	.0478	19	22	84	13	59	.90	88	38	29
10	2.1584	1.3133	1.0444	8796	7604	6670	5902	5249	4682	4180	3730	3322
11	.1170	.3071	.0411	73	7587	56	5890	39	73	72	23	16
12	.0792	.3010	.0378	51	70	42	78	29	64	64	16	10
13	.0444	.2950	.0345	28	52	28	66	19	55	56	09	03
14	.0122	.2891	.0313	06	35	14	55	09	46	49	02	329
15	1.9823	1.2833	1.0280	8683	7518	6600	5843	5199	4638	4141	3695	329
16	.9542	.2775	.0248	61	01	6587	32	89	29	33	88	8
17	.9279	.2719	.0216	39	7484	73	20	79	20	25	81	7
18	.9031	.2663	.0185	17	67	59	09	69	11	17	74	7
19	.8796	.2607	.0153	8595	51	46	5797	59	03	09	67	6
20	1.8573	1.2553	1.0122	8573	7434	6532	5786	5149	4594	4102	3660	325
21	.8361	.2499	.0091	52	17	19	74	39	85	4094	53	5
22	.8159	.2445	.0061	30	01	05	63	29	77	86	46	4
23	.7966	.2393	.0030	09	7384	6492	52	20	68	79	39	3
24	.7781	.2341	1.0000	8487	68	78	40	10	59	71	32	3
25	1.7604	1.2289	0.9970	8466	7351	6465	5729	5100	4551	4063	3625	322
26	.7434	.2239	.9940	45	35	51	18	5090	42	55	18	2
27	.7270	.2188	.9910	24	18	38	06	81	34	48	11	1
28	.7112	.2139	.9881	03	02	25	5695	71	25	40	04	0
29	.6960	.2090	.9852	8382	7286	12	84	61	16	32	3597	0
30	1.6812	1.2041	0.9823	8361	7270	6398	5673	5051	4508	4025	3590	319
31	.6670	.1993	.9794	41	54	85	62	42	4499	17	83	8
32	.6532	.1946	.9765	21	38	72	51	32	91	10	77	8
33	.6398	.1899	.9737	00	22	59	40	23	82	02	70	7
34	.6269	.1852	.9708	8279	06	46	29	13	74	3995	63	7
35	1.6143	1.1806	0.9680	8259	7190	6333	5618	5003	4466	3987	3556	316
36	.6021	.1761	.9652	39	74	20	07	4994	57	79	49	5
37	.5902	.1716	.9625	19	59	07	5596	84	49	72	42	5
38	.5786	.1671	.9597	8199	43	6294	85	75	40	64	35	4
39	.5673	.1627	.9570	79	28	82	74	65	32	57	29	3
40	1.5563	1.1584	0.9542	8159	7112	6269	5563	4956	4424	3949	3522	313
41	.5456	.1540	.9515	40	7097	56	52	47	15	42	15	2
42	.5351	.1498	.9488	20	81	43	41	37	07	34	08	2
43	.5249	.1455	.9462	01	66	31	31	28	4399	27	01	1
44	.5149	.1413	.9435	8081	50	18	20	18	90	19	3495	0
45	1.5051	1.1372	0.9409	8062	7035	6205	5509	4909	4382	3912	3488	310
46	.4956	.1331	.9383	43	20	6193	5498	00	74	05	81	309
47	.4863	.1290	.9356	23	05	80	88	4890	65	3897	75	8
48	.4771	.1249	.9330	04	6990	68	77	81	57	90	68	8
49	.4682	.1209	.9305	7985	75	55	66	72	49	82	61	7
50	1.4594	1.1170	0.9279	7966	6960	6143	5456	4863	4341	3875	3455	307
51	.4508	.1130	.9254	47	45	31	45	53	33	68	48	6
52	.4424	.1091	.9228	29	30	18	35	44	24	60	41	5
53	.4341	.1053	.9203	10	15	06	24	35	16	53	35	5
54	.4260	.1015	.9178	7891	00	6094	14	26	08	46	28	4
55	1.4180	1.0977	0.9153	7873	6885	6081	5403	4817	4300	3838	3421	304
56	.4102	.0939	.9128	54	71	69	5393	08	4292	31	15	3
57	.4025	.0902	.9104	36	56	57	82	4799	84	24	08	2
58	.3949	.0865	.9079	18	41	45	72	89	76	17	01	2
59	.3875	.0828	.9055	00	27	33	61	80	68	09	3395	1

TABLE OF PROPORTIONAL LOGARITHMS

Hours or Degrees

Min.	12	13	14	15	16	17	18	19	20	21	22	23
0	3010	2663	2341	2041	1761	1498	1249	1015	0792	0580	0378	0185
1	04	57	36	36	56	93	45	11	88	77	75	82
2	2998	52	30	32	52	89	41	07	85	73	71	79
3	92	46	25	27	47	85	37	03	81	70	68	75
4	86	41	20	22	43	81	34	0999	77	66	64	72
5	2980	2635	2315	2017	1738	1476	1229	0996	0774	0563	0361	0169
6	74	29	10	12	34	72	25	92	70	59	58	66
7	68	24	05	08	29	68	21	88	66	56	55	63
8	62	18	00	03	25	64	17	84	63	52	52	60
9	56	13	2295	1998	20	60	13	80	59	49	48	57
10	2950	2607	89	1993	1716	1455	1209	0977	0756	0546	0345	0153
11	45	02	84	89	11	51	05	73	52	42	42	50
12	38	2596	79	84	07	47	01	69	49	39	39	47
13	33	91	74	79	02	43	1197	65	45	35	35	44
14	27	85	69	74	1698	38	93	62	42	32	32	41
15	2921	2580	2264	1969	1694	1434	1189	0958	0738	0529	0329	0138
16	15	75	59	65	89	30	85	54	34	25	26	35
17	09	69	54	60	85	26	82	50	31	22	22	32
18	03	64	49	55	80	22	78	47	27	18	19	29
19	2897	58	44	50	76	17	74	43	24	15	16	25
20	2891	2553	2239	1946	1671	1413	1170	0939	0720	0511	0313	0122
21	85	47	34	41	67	09	66	35	17	08	09	19
22	80	42	29	36	63	05	62	32	13	05	06	16
23	74	36	23	32	58	01	58	28	09	01	03	13
24	68	31	18	27	54	1397	54	24	06	0498	00	10
25	2862	2526	2213	1922	1649	1393	1150	0920	0702	0495	0296	0107
26	56	20	08	17	46	88	46	17	0699	91	92	04
27	50	15	03	13	40	84	42	13	95	88	90	01
28	45	09	2198	08	36	80	38	09	92	85	87	0098
29	39	04	93	03	32	76	34	05	88	81	83	94
30	2833	2499	2188	1899	1627	1372	1130	0902	0685	0478	0280	0091
31	27	93	83	94	23	68	26	0898	81	74	77	88
32	21	88	78	90	19	63	23	94	78	71	74	85
33	16	83	73	85	14	59	19	91	74	68	71	82
34	10	77	68	80	10	55	15	87	70	64	67	79
35	2804	2472	2164	1875	1605	1351	1111	0883	0667	0461	0264	0076
36	2798	67	59	71	01	47	07	80	64	58	61	73
37	93	61	54	66	1597	43	03	76	60	54	58	70
38	87	56	49	62	92	39	1099	72	56	51	55	67
39	81	51	44	57	88	35	95	68	53	48	51	64
40	2775	2445	2139	1852	1584	1331	1092	0865	0649	0444	0248	0061
41	70	40	34	48	79	27	88	61	46	41	45	58
42	64	36	29	43	75	22	84	57	42	37	42	55
43	58	30	24	38	71	18	80	54	39	34	39	52
44	53	24	19	34	66	14	76	50	35	31	35	48
45	2747	2419	2114	1829	1562	1310	1072	0846	0632	0428	0232	0045
46	41	14	09	25	58	06	68	43	29	24	29	42
47	36	09	04	20	53	02	64	39	25	21	26	39
48	30	03	2099	16	49	1298	61	35	21	18	23	36
49	24	2398	2095	11	45	94	57	32	18	14	20	33
50	2719	2393	2090	1806	1540	1290	1053	0828	0614	0411	0216	0030
51	13	88	85	02	36	86	49	24	11	08	13	27
52	07	82	80	1797	32	82	45	21	08	04	10	24
53	02	77	75	93	28	78	41	17	04	01	07	21
54	2696	72	70	88	23	74	37	14	01	0398	04	18
55	2691	2367	2065	1784	1519	1270	1034	0810	0597	0394	0201	0015
56	85	62	61	79	15	66	30	06	94	91	0197	12
57	79	56	58	74	10	61	26	03	90	88	94	09
58	74	51	51	70	06	57	22	0799	87	84	91	06
59	68	46	46	65	02	53	18	95	83	81	88	03

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	Long.	Dec.	December 19	12° 54' 46"	20° N 41'
January 24	10° 52' 52"	20° N 31'	Date	Long.	Dec.
February 23	10° 52' 25"	20° N 36'	July 22	12° 54' 20"	20° N 40'
March 24	10° 52' 13"	20° N 40'	August 21	13° 54' 0"	20° N 38'
April 23	10° 52' 24"	20° N 43'	September 20	13° 54' 25"	20° N 36'
May 23	10° 52' 53"	20° N 44'	October 20	13° 54' 32"	20° N 36'
June 22	11° 52' 34"	20° N 43'	November 19	13° 54' 18"	20° N 37'

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SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

January, 1924.

New Moon January 6th, 0:48 P. M., in ν $14^{\circ} 57'$

Longitude of the Planets

Day	☉ ν	♀ \sim	♂ ν	♂ μ	♂ μ	♂ μ	♂ μ	♂ μ	♂ μ	♂ μ	♂ μ
	°	°	°	°	°	°	°	°	°	°	°
Tu	1 9 49	7 40	28 20	0 58	0 56	8 13	18 15	14 16	19 58	4 4	
W	2 10 50	8 54	28 38	15 26	1 0	25 18	54 18	18 57			
Th	3 11 51	10 9	28 55	0 7	4 4	37 19	32 20	56 56			
F	4 12 53	11 23	28 51	14 57	8 8	50 20	11 22	55 55			
S	5 13 54	12 38	28 46	29 47	11 9	2 20	49 24	54 54			
Su	6 14 55	13 52	28 19	14 28	15 15	14 21	28 26	52 52			
M	7 15 56	15 6	27 51	28 52	1 19	9 26	22 7	14 28	19 51	4 4	
Tu	8 16 57	16 20	27 1	12 55	22 22	38 22	46 30	50 50			
W	9 17 59	17 35	26 10	26 32	25 25	50 23	24 32	49 49			
Th	10 19 0	18 49	25 2	9 44	29 10	2 24	3 34	47 47			
F	11 20 1	20 3	23 54	22 31	32 32	13 24	41 37	46 46			
S	12 21 2	21 17	22 36	4 57	35 35	25 25	20 39	45 45			
Su	13 22 3	22 31	21 18	17 7	38 38	37 25	58 41	43 43			
M	14 23 4	23 45	20 0	29 6	1 41	10 49	26 37	14 43	19 42	4 4	
Tu	15 24 5	24 59	18 42	10 59	43 43	11 0	27 15	46 46	40 40		
W	16 25 6	26 13	17 33	22 50	46 46	11 27	54 48	39 39			
Th	17 26 8	27 27	16 24	4 44	49 49	22 28	32 51	37 37			
F	18 27 9	28 41	15 31	16 45	52 52	34 29	11 53	36 36			
S	19 28 10	29 55	14 37	28 56	54 54	45 29	49 56	34 34	4 4		
Su	20 29 11	1 9	14 2	11 18	56 56	56 0	28 58	33 33	3 3		
M	21 0 12	2 23	13 27	23 52	1 58	12 7	1 6	15 1	19 31	3 3	
Tu	22 1 13	3 36	13 10	6 39	2 0	18 1	45 4	30 30			
W	23 2 14	4 50	12 53	19 40	2 2	29 2	23 7	28 28			
Th	24 3 15	6 3	12 53	2 52	4 4	40 3	2 9	26 26			
F	25 4 16	7 17	12 53	16 16	6 6	50 3	40 12	24 24			
S	26 5 17	8 30	13 8	29 52	8 13	1 4	19 15	23 23			
Su	27 6 18	9 44	13 23	13 38	9 9	11 4	57 18	21 21			
M	28 7 19	10 57	13 51	27 35	2 11	13 22	5 36	15 21	19 20	3 3	
Tu	29 8 20	12 11	14 19	11 40	12 12	6 6	14 24	18 18			
W	30 9 21	13 24	14 57	25 54	13 13	4 6	53 27	17 17			
Th	31 10 22	14 38	15 35	10 14	14 14	52 7	31 30	15 15			

Declination of the planets

S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂
H. M.	° S	° S	° S	° S	° S	° S	° S	° S	° S	° S	° N
18 39	7 47	1 23 5	20 2	20 51	9 33	21 0	16 35	6 54	15 4		
43 11	49 3	22 55	19 22	20 12	35 4	57	52	4			
47 15	12 5	22 43	18 41	19 38	37 8	17 18	51	5			
51 17	37 7	22 30	17 58	19 12	39 12	39	49	6			
55 18	52 9	22 14	17 13	18 54	41 15	18 0	47	7			
59 18	50 11	21 57	16 25	18 45	43 19	20	45	8			
		13 21	39 15	36 18	44 22	39	43	9			
19 3	17 34	15 21	18 14	46 18	50 46	25 58	41	10			
7 15	15 17	20 56	13 54	19 1	47 29	19 16	40	11			
11 12	8 19	20 32	13 0	19 15	48 32	34	37	12			
15 8	29 21	20 7	12 5	19 32	49 34	51	35	13			
19 4	34 23	19 40	11 9	19 50	50 37	20 8	33	14			
23 0	33 25	19 12	10 11	20 8	51 40	24	31	15			
27 3	N 23	27 18	42 9	13 20	52 43	40	29	16			
		29 18	11 8	14 20	52 45	55	27	17			
19 31	7 8	31 17	39 7	14 20	53 48	21 9	24	18			
35 10	33	Latitude of the Planets									
39 13	33	Latitude of the Planets									
43 16	0	D	D	♀	♂	♂	♂	♂	♂	♂	♂
47 17	47	° N	° S	° S	° N	° N	° N	° S	° N		
50 18	48	1 4 18	1 43 0	21 2	25 0	41 0	43 0	45 0	15		
54 18	56	3 5 6	44 0	N 11	25 41	42 45	45 15				
		5 4 35	44 48	25 41	41 45	45 15					
19 58	18 9	7 2 53	44 1 26	26 41	40 45	15					
20 2	16 25	9 0 35	43 2 4	26 41	39 45	15					
6 13	50 11	1 s 44	42 37	27 41	38 45	15					
10 10	30 13	3 37	41 3 3	27 41	37 45	15					
14 6	35 15	4 48	40 20	28 41	36 45	15					
18 2	17 17	5 10	38 27	28 41	35 45	15					
22 2	s 11	19 4 39	36 24	29 41	33 45	15					
		21 3 15	33 15	29 41	32 45	15					
20 26	6 35	23 1 9	30 0	30 41	31 45	15					
30 10	40 25	1 N 16	27 2 42	30 41	30 45	15					
34 14	10 27	3 28	24 21	31 41	28 45	15					
38 16	51 29	4 54	20 2 0	31 41	27 45	15					
		31 5 12	16 1 38	32 41	26 44	15					

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

February, 1924.

New Moon February 5th, 1:38 A. M. in ♈ 15° 0'

Longitude of the Planets

Day	☉ ♈	♀ ♋	♂ ♌	♄ ♉	♅ ♊	♆ ♋	♇ ♌	♈ ♈	♏ ♏	♐ ♐
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
F	1 11 23	15 51	16 22	24 35	2 15	14 2	8 10	15 33	19 13	3
S	2 12 23	17 4	17 9	8 55	16	12 8	48	36	11	
Su	3 13 24	18 17	18 3	23 8	17	22 9	27	39	10	
M	4 14 25	19 30	18 58	7 8	18	31 10	5	42	8	
Tu	5 15 26	20 43	19 59	20 53	19	41 10	44	45	6	
W	6 16 27	21 56	20 59	4 20	19	51 11	22	48	4	
Th	7 17 28	23 9	22 4	17 26	2	20 15	0 12	0 15	51 19	3 3
F	8 18 29	24 22	23 9	0 12	20	9 12	38	54	1	2
S	9 19 29	25 34	24 19	12 40	20	18 13	17	57	18	59
Su	10 20 30	26 47	25 29	24 54	20	27 13	55	16 0	57	
M	11 21 31	27 59	26 43	6 55	20	36 14	34	4	56	
Tu	12 22 31	29 12	27 56	18 50	R20	45 15	12	7	54	
W	13 23 32	0 24	29 12	0 42	20	54 15	50	10	53	
Th	14 24 33	1 36	0 29	12 37	2	20 16	2 16	28 16	13 18	51 2
F	15 25 33	2 48	1 48	24 39	19	11 17	7	17	50	
S	16 26 34	4 1	3 8	6 52	19	19 17	45	20	48	
Su	17 27 34	5 13	4 30	19 19	18	27 18	24	23	46	
M	18 28 35	6 25	5 52	2 4	17	35 19	2	26	44	
Tu	19 29 35	7 36	7 16	15 6	16	43 19	40	30	43	
W	20 0 36	8 48	8 41	28 27	16	50 20	18	33	41	
Th	21 1 36	9 59	10 8	12 4	2	14 16	58 20	56 16	36 18	40 2
F	22 2 37	11 11	11 35	25 57	13	17 5	21 34	40	39	
S	23 3 37	12 22	13 4	10 0	12	13 22	13	43	37	
Su	24 4 38	13 34	14 33	24 12	11	20 22	51	47	35	
M	25 5 38	14 45	16 4	8 27	9	27 23	29	51	34	
Tu	26 6 38	15 56	17 35	22 43	8	34 24	7	54	32	2
W	27 7 38	17 7	19 9	6 57	6	41 24	45	57	30	1
Th	28 8 39	18 18	20 42	21 6	2	4 17	47 25	23 17	0 18	28 1
F	29 9 39	19 29	22 17	5 7	2	54 26	1	3	27	

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich.

February, 1924.

Full Moon (Total Eclipse of Moon) Feb. 20th, 4:07 P. M., in η 0° 46'

D	S. T.	Dec.	D	D	☉	♀	♂	♄	♅	♆	♇	♈	♉												
H. M.	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	N	'							
1	20	42	18	29	1	17	22	6	43	21	0	9	53	21	49	21	16	6	23	15	18				
2		46	18	57	2	17	5	6	13	21	5		53		50		22		22		19				
3		50	18	12	4	16	31	5	11	21	11		53		52		35		20		20				
4		54	16	20	6	15	55	4	9	21	14		53		54		48		17		21				
5		57	13	34	8	15	18	3	7	21	12		52		56		59		15		22				
6	21	1	10		7	10	14	40	2	4	21	6		52		58	22	10		12		23			
						12	14	1	1	1	20	55		52	22	0		21		10		24			
7	21	5	6	15	14	13	21	0	N	2	20	39		51		2		30		7		25			
8		9	2	12	16	12	40	1	5	20	19			50		3		39		5		26			
9		13	1	N	51	18	11	58	2	8	19	53		49		5		48		2		27			
0		17	5	44	20	11	16	3	11	19	22			48		7		56	5	59		29			
1		21	9	19	22	10	33	4	13	18	46			47		8	23	3		57		30			
2		25	12	29	24	9	49	5	15	18	5			46		9		9		54		31			
3		29	15	8	26	9	5	6	17	17	19			44		10		15		51		32			
					28	8	20	7	18	16	27			43		12		19		49		33			
4	21	33	17	10	Latitude of the Planets																				
5		37	18	28	D	D	♀	♂	♄	♅	♆	♇	♈	♉											
6		41	18	56	°	N	'	°	S	'	°	N	'	°	N	'	°	N	'	°	S	'	°	N	'
7		45	18	29																					
8		49	17	7	1	4	51	1	14	1	27	2	32	0	41	0	25	0	44	0	15				
9		53	14	49	2	4	13		12		17		32		41		24		44		15				
0		57	11	42	4	2	14		7	0	56		33		41		23		44		15				
					6	0	s	12		2	35		34		41		21		44		15				
22	1	7	53	8	2	29	0	57		16		34		41		20		44		15					
	5	3	34	10	4	12		51	0	s	3	35		41		18		44		15					
	8	0	s	59	12	5	8		46		20		35		41		17		44		15				
	12	5	30	14	5	12		40		37		36		41		15		44		16					
	16	9	44	16	4	21		33		52		36		41		13		44		16					
	20	13	25	18	2	39		27	1	6		37		41		12		44		16					
	24	16	17	20	0	21		20		19		37		41		10		44		16					
				22	2	N	8		13		31		38		41		8		44		16				
22	28	18	10	24	4	10		6		41		38		41		6		44		16					
	32	18	55	26	5	13	0	N	1	50		39		42		4		44		16					
				28	5	0		9		57		39		42		2		44		16					

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

March, 1924.

New Moon (Partial Eclipse of Sun) March 5th, 3:58 P. M., in ♋ 149

Longitude of the Planets

Day	☉ ♈	♀ ♀	♂ ♊	♄ ♈	♅ ♉	♆ ♊	♇ ♋	♈ ♈	♏ ♏	♐ ♐
S	1 10 39	20 40	23 52	19 1	2 R 1	18 0	26 39	17 7	18R25	1
Su	2 11 39	21 50	25 30	2 ♊44	1 59	6 27	17 10	24 14	22 17	
M	3 12 40	23 1	27 7	16 16	57	12 27	55 14	22 17	21 14	
Tu	4 13 40	24 11	28 47	29 35	54	18 28	33 17	19 21	18 21	
W	5 14 40	25 21	0 ♋26	12 ♋41	52	23 29	11 21	16 19	13 18	
Th	6 15 40	26 31	2 8	25 32	49	29 29	49 24	12 18	9 18	
F	7 16 40	27 41	3 50	8 ♎9	1 47	18 34	0 ♎27	17 28	18 16	1
S	8 17 40	28 51	5 34	20 33	44	39 1	5 31	15 15	12 14	
Su	9 18 40	0 8	1 7	18 2	8 44	42 44	1 43	35 14	32 13	
M	10 19 40	1 10	9 4	14 45	39	49 2	20 38	13 11	10 11	
Tu	11 20 40	2 20	10 50	26 40	36	54 2	58 41	11 10	8 10	
W	12 21 40	3 29	12 39	8 ♏33	33	59 3	36 44	10 8	7 8	
Th	13 22 39	4 38	14 28	20 26	30	19 3	4 14	48 8	45 1	
F	14 23 39	5 46	16 19	2 ♏27	1 27	19 7	4 52	17 51	18 7	1
S	15 24 39	6 55	18 10	14 38	24	11 5	29 55	5 41	2 30	
Su	16 25 39	8 3	20 3	27 5	21	15 6	7 58	1 30	0 2	
M	17 26 38	9 12	21 56	9 ♏52	18	19 6	44 18	2 0	0 0	
Tu	18 27 38	10 20	23 51	23 1	14	22 7	22 5	0 59	0 59	
W	19 28 38	11 29	25 47	6 ♏34	11	25 7	59 12	17 59	16 58	0
Th	20 29 37	12 36	27 45	20 31	7	28 8	37 12	16 58	15 57	
F	21 0 ♎37	13 44	29 43	4 ♏47	1 4	19 32	9 14	18 16	17 58	0
S	22 1 36	14 51	1 ♎43	19 20	0	35 9	52 19	16 57	15 56	
Su	23 2 36	15 59	3 42	4 ♏1	0 57	37 10	29 22	15 56	14 55	
M	24 3 35	17 6	5 44	18 43	53	40 11	7 25	14 55	13 54	
Tu	25 4 35	18 13	7 45	3 ♎21	49	42 11	44 29	13 53	12 52	
W	26 5 34	19 19	9 48	17 47	45	44 12	21 32	12 52	11 51	
Th	27 6 33	20 26	11 50	1 ♎59	41	46 12	58 35	11 50	10 50	
F	28 7 33	21 32	13 53	15 55	0 37	19 48	13 35	18 38	17 51	0
S	29 8 32	22 39	15 55	29 34	33	49 14	12 42	16 50	15 49	
Su	30 9 31	23 44	17 57	12 ♏57	29	50 14	49 45	15 48	14 48	
M	31 10 30	24 50	19 58	26 5	25	51 15	26 49	14 48	13 48	

Calculated for Mean Noon at Greenwich

March, 1924.

Full Moon March 21st, 4:30 A. M., in $\approx 0^{\circ} 18'$

Declination of the planets

[illegible]

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

April, 1924.

New Moon April 4th, 7:17 A. M., in γ $14^{\circ} 15'$

Longitude of the Planets

Day	☉ ♈	♀ ♉	♂ ♊	♂ ♋	♂ ♌	♂ ♍	♂ ♎	♂ ♏	♂ ♐	♂ ♑	♂ ♒
	°	'	°	'	°	'	°	'	°	'	°
Tu	1	11 30	25 55	21 58	9 10	R 20	19 52	16 31	18 52	17 47	0 1
W	2	12 29	27 0	23 57	21 45	16	53	16 40	55	46	
Th	3	13 28	28 5	25 52	4 17	12	54	17 17	58	45	
F	4	14 27	29 10	27 48	16 40	8	54	17 54	19 1	45	
S	5	15 26	0 II 14	29 39	28 53	3	54	18 31	4	44	29 Ω
Su	6	16 25	1 18	1 30	10 8	59	29 59	54 19 7	8	43	5
M	7	17 24	2 22	3 14	22 57	29 54	19 54	19 44	19 11	17 42	29 5
Tu	8	18 23	3 26	4 58	4 II 50	50	54	20 20	14	42	4
W	9	19 22	4 29	6 35	16 42	45	53	20 57	17	41	4
Th	10	20 21	5 32	8 11	28 34	41	52	21 33	20	41	4
F	11	21 20	6 34	9 39	10 32	36	51	22 10	23	40	3
S	12	22 19	7 37	11 6	22 41	32	50	22 46	26	40	3
Su	13	23 17	8 38	12 24	5 Ω 4	27	48	23 22	29	39	3
M	14	24 16	9 40	13 41	17 47	29 23	19 47	23 58	19 32	17 39	29 2
Tu	15	25 15	10 41	14 48	0 m 55	18	45	24 34	35	38	2
W	16	26 13	11 42	15 51	14 30	14	44	25 10	38	38	2
Th	17	27 12	12 42	16 10	23 32	9	42	25 46	41	37	2
F	18	28 11	13 43	17 46	12 2	5	40	26 21	44	37	2
S	19	29 9	14 42	18 31	27 53	0	37	26 57	47	36	1
Su	20	0 8	8 15	42 19	15 12	m 57	28 56	35 27 33	49	36	1
M	21	1 6	16 40	19 48	28 4	28 51	19 32	28 9	19 52	17 36	29
Tu	22	2 5	17 39	20 20	13 5	47	29	28 44	55	36	
W	23	3 3	18 36	20 42	27 51	42	26	29 19	58	36	29
Th	24	4 2	19 34	21 3	12 16	38	23	29 54	20 0	36	28
F	25	5 0	20 31	21 12	23 16	33	19	0 30	3	35	
S	26	5 58	21 28	21 21	9 54	28	15	1 5	6	35	
Su	27	6 57	22 23	21 26	23 9	23	11	1 40	9	35	
M	28	7 55	23 19	21 18	6 5	28 19	19 8	2 14	20 11	17 35	28
Tu	29	8 53	24 14	21 6	18 45	15	3	2 49	13	35	
W	30	9 51	25 9	20 54	1 13	11	18 59	3 24	16	d 35	

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich
April, 1924.
Full Moon April 19th, 2:11 P. M. in $\approx 29^{\circ} 14'$
Declination of the planets

D	S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
H. M.	°	S	'	°	N	'	°	N	'	°	S	'	°	S	'	°	S	'	°	S	'	°	N	'					
1	0	38	8	48	1	4	33	21	31	8	51	9	2	22	21	23	6	5	5	15	45								
2		42	4	54	2	4	56	21	50	9	46		0		21		3		4		46								
3		46	0	51	4	4	42	22	27	11	32	8	57		21	22	57		2		46								
4		50	3	N 11	6	6	27	23	1	13	12		54		21		50	4	59		47								
5		54	7		2	8	7	12	23	34	14	43	50		21		42		57		47								
6		58	10	33	10	7	57	24	4	16	6		47		21		34		54		47								
						12	8	41	24	32	17	19	44		21		26		52		48								
7	1	2	13	36	14	9	25	24	58	18	21		41		20		17		50		48								
8		6	16	5	16	10	7	25	21	19	12		38		20		7		47		48								
9		10	17	52	18	10	50	25	42	19	52		34		20	21	57		45		49								
10		14	18	54	20	11	31	26	1	20	20		31		19		47		43		49								
11		18	19	6	22	12	12	26	13	20	36		28		19		36		41		49								
12		22	18	25	24	12	52	26	32	20	42		25		18		25		39		49								
13		26	16	51	26	13	31	26	44	20	36		22		18		14		37		49								
					28	14	9	26	54	20	19		19		17		2		35		49								
14	1	30	14	24	30	14	46	27	1	19	52		16		17	20	50		33		49								
15		33	11	10	Latitude of the Planets																								
16		37	7	14																									
D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂						
°	S	'	°	N	'	°	N	'	°	N	'	°	S	'	°	S	'	°	N	'	°	S	'	°	N	'			
17		41	2	46																									
18		45	1	s 59																									
19		49	6	43	1	0	40	2	21	0	20	2	45	0	43	0	37	0	44	0		16							
20		53	11	7	2	1	46		25		31		45		43		39		44			16							
					4	3	30		32		54		45		43		42		44			16							
21	1	57	14	48	6	4	49		39	1	17		45		43		45		44			16							
22	2	1	17	29	8	5	7		46		39		45		43		48		44			16							
23		5	18	57	10	4	32		53		59		45		43		52		44			16							
24		9	19	9	12	3	10		59	2	16		45		43		55		44			16							
25		13	18	8	14	1	9	3	5		31		45		43		58		44			16							
26		17	16	6	16	1	N 13		11		43		46		43	1	2		44			16							
27		21	13	15	18	3	26		17		50		46		43		5		44			16							
					20	4	50		22		54		46		43		9		45			16							
28	2	25	9	48	22	4	56		26		53		45		43		13		45			16							
29		29	5	58	24	3	45		31		46		45		43		17		45			16							
30		33	1	56	26	1	44		34		35		45		43		20		45			16							
					28	0	s 33		37		18		45		43		24		45			16							
					30	2	38		40	1	57		45		43		29		45			16							

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

May, 1924.

New Moon May 3rd, 11:00 P. M., in γ $13^{\circ} 13'$

Longitude of the Planets

Day	☉ ♌	♀ ♊	♄ ♈	♃ ♈	♅ ♊	♄ ♈	♂ ♊	♁ ♈	♂ ♊	♂ ♊	♂ ♊
Th	1 10 50	26 2 20	33 13 30	23 R 6	18 R 54	3 59	20 19	17 35	28		
F	2 11 48	26 55 20	12 25 40	2	50 4	33	21	36			
S	3 12 46	27 47 19	43 7 8 43	27 57	45 5	7	23	36			
Su	4 13 44	28 40 19	15 19 41	53	40 5	41	25	36			
M	5 14 42	29 31 18	41 1 11 35	48	35 6	15	28	36			
Tu	6 15 40	0 22 18	8 13 27	44	30 6	49	30	36			
W	7 16 39	1 11 17	31 25 18	27 40	18 24	7 23	20 32	17 37	28		
Th	8 17 37	2 0 16	55 7 21	36	19 7	56	34	37			
F	9 18 35	2 48 16	18 19 9	32	13 8	30	37	37			
S	10 19 33	3 36 15	42 1 16	28	8 9	3	39	38			
Su	11 20 30	4 22 15	8 13 37	24	2 9	36	41	38			
M	12 21 28	5 8 14	34 26 16	20 17	56 10	9	43	39	28		
Tu	13 22 26	5 52 14	5 9 18	16	50 10	42	45	39	27		
W	14 23 24	6 37 13	35 22 48	27 12	17 44	11 14	20 47	17 40	27		
Th	15 24 22	7 19 13	12 6 47	8	37 11	47	49	40			
F	16 25 20	8 1 12	49 21 15	4	31 12	19	51	41			
S	17 26 17	8 41 12	33 6 11	0	24 12	51	53	41			
Su	18 27 15	9 22 12	18 21 20	26 57	18 13	23	55	42			
M	19 28 13	10 0 12	11 6 40	53	11 13	55	57	42			
Tu	20 29 11	10 38 12	5 21 56	50	4 14	26	59	43			
W	21 0 11	8 11 13	12 D 7	6 58	26 46	16 57	14 58	21 1	17 44	27	
Th	22 1 6	11 48 12	9 21 37	43	50 15	29	2	45			
F	23 2 4	12 21 12	21 5 49	40	43 16	0	4	45			
S	24 3 1	12 54 12	32 19 33	37	36 16	31	5	46			
Su	25 3 59	13 24 12	52 2 49	33	28 17	2	7	47			
M	26 4 56	13 54 13	12 15 44	30	21 17	32	8	48			
Tu	27 5 54	14 20 13	41 28 19	27	13 18	2	10	49			
W	28 6 52	14 47 14	10 10 38	26 24	16 6	18 31	21 11	17 50	27		
Th	29 7 49	15 10 14	46 22 47	21 15	58 19	1	12	51			
F	30 8 47	15 34 15	23 4 8 48	19	51 19	30	13	52			
S	31 9 44	15 54 16	8 16 44	16	43 19	59	15	53	27		

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

May, 1924.

Full Moon May 18th, 9:52 P. M., in η 27° 39'

Declination of the planets

S. T.	Dec.	D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
H. M.	°	N	°	N	°	N	°	N	°	S	°	S	°	S	°	S	°	S	°	N
2	37	2	7	1	15	5	27	4	19	35	8	14	22	16	20	44	4	32	15	49
	40	6	2	2	15	23	27	7	19	16		13		16		38		31		49
	44	9	40	4	15	58	27	10	18	32		10		15		25		29		49
	48	12	54	6	16	32	27	11	17	41		7		14		13		27		49
	52	15	35	8	17	5	27	10	16	48		4		13		0		26		49
	56	17	37	10	17	37	27	7	15	54		1		13	19	47		24		48
				12	18	8	27	3	15	1	7	59		12		33		22		48
3	0	18	53	14	18	38	26	56	14	13		56		11		20		21		48
	4	19	21	16	19	6	26	48	13	32		54		9		7		19		48
	8	18	56	18	19	33	26	38	12	59		51		8	18	53		18		47
	12	17	39	20	19	59	26	27	12	35		49		7		40		17		47
	16	15	32	22	20	23	26	15	12	20		47		6		26		15		46
	20	12	37	24	20	46	26	1	12	15		45		5		13		14		46
	24	8	59	26	21	8	25	46	12	19		43		3	17	59		13		45
				28	21	28	25	31	12	32		41		2		46		12		45
3	28	4	48	30	21	46	25	14	12	52		40		1		33		11		44
	32	0	s	12																
	36	4	33																	
	40	9	10																	
	44	13	18																	
	48	16	34	1	3	30	3	41	1	44	2	45	0	43	1	31	0	45	0	16
	51	18	39	2	4	11		42		31		45		43		33		45		16
				4	4	56		43	1	1		45		43		37		45		16
3	55	19	25	6	4	51		44	0	28		45		43		41		45		16
	59	18	50	8	3	55		44	0	s	6	44		43		46		45		16
4	3	17	3	10	2	17		43		41		44		43		51		45		16
	7	14	20	12	0	N	10	42	1	15		44		43		55		45		16
	11	10	57	14	2	6		40		47		44		42	2	0		45		16
	15	7	8	16	4	1		36	2	16		43		42		5		45		16
	19	3	5	18	4	58		32		41		43		42		10		45		16
				20	4	33		27	3	2		43		42		15		45		16
4	23	1	N	1	22	2	55	20		19		42		42		20		45		16
	27	5		0	24	0	39	13		31		42		42		26		46		16
	31	8	44	26	1	s	37	4		39		42		42		31		46		16
	35	12	6	28	3	29	2	54		44		41		41		37		46		16
				30	4	39		43		44		41		41		43		46		16

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

June, 1924.

New Moon June 2nd, 2:34 P. M., in Π $11^{\circ} 45'$

Longitude of the Planets

Day	☉ ☿	♀ ♀	♂ ♂	♂ ♂	♂ ♂	♂ ♂	♂ ♂	♂ ♂	♂ ♂	♂ ♂	♂ ♂
	°	'	°	'	°	'	°	'	°	'	°
Su	1	10 42	16 15	16 53	28 37	26R13	15R36	20 28	21 16	17 54	26
M	2	11 39	16 31	17 45	10II29	10	28 20	56	17	55	
Tu	3	12 37	16 47	18 37	22 21	8	21 21	25	18	56	
W	4	13 34	16 59	19 36	4 ☿14	6	13 21	53	19	57	
Th	5	14 32	17 12	20 35	16 12	4	6 22	20	20	58	
F	6	15 29	17 20	21 41	28 14	1	14 58	22 48	21	59	
S	7	16 26	17 28	22 47	10♂26	25 59	14 51	23 15	21 22	18 1	26
Su	8	17 24	17 31	24 0	22 49	57	43 23	41	22	2	
M	9	18 21	17 35	25 12	5 ♀29	56	35 24	7	23	3	
Tu	10	19 18	17R34	26 31	18 29	54	27 24	33	24	4	
W	11	20 16	17 32	27 49	1 ♀53	52	20 24	59	25	6	
Th	12	21 13	17 27	29 14	15 43	50	12 25	24	25	7	
F	13	22 10	17 21	0II38	0 ♀2	49	5 25	49	26	9	
S	14	23 8	17 10	2 9	14 46	25 47	13 57	26 14	21 27	18 10	26
Su	15	24 5	16 59	3 39	29 49	46	50 26	38	28	12	
M	16	25 2	16 44	5 16	15 ♀4	45	42 27	2	28	13	
Tu	17	25 59	16 28	6 52	0 ♀20	44	35 27	25	29	15	
W	18	26 57	16 8	8 35	15 25	42	28 27	48	29	16	26
Th	19	27 54	15 48	10 17	0 ♀11	41	21 28	11	30	18	25
F	20	28 51	15 24	12 5	14 31	40	14 28	33	30	19	
S	21	29 48	14 59	13 53	28 23	25 40	13 7	28 54	21 30	18 21	25
Su	22	0☿46	14 31	15 46	11♂46	39	0 29	15	31	23	
M	23	1 43	14 2	17 39	24 45	39	12 53	29 36	31	25	
Tu	24	2 40	13 30	19 38	7 ♀21	38	46 29	56	31	26	
W	25	3 37	12 58	21 36	19 40	38	39 0♂16		31	28	
Th	26	4 35	12 24	23 39	1 8 47	37	32 0	35	31	29	
F	27	5 32	11 49	25 41	13 44	37	26 0	54	31	31	
S	28	6 29	11 13	27 48	25 37	25 37	12 19	1 12	21 31	18 32	25
Su	29	7 26	10 36	29 54	7 II29	37	13 1	30	R31	34	
M	30	8 23	9 59	2 5 3	19 21	D37	7 1	47	31	36	

S. T.	Dec.	D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂									
H. M.	°	N	'	°	N	'	°	N	'	°	S	'	°	S	'	°	S	'	°	N	'
4	39	14	58	1	22	3	24	56	13	20	7	38	21	59	17	20	4	10	15	44	
2	43	17	13	3	22	19	24	38	13	55		37		58		7		9		43	
3	47	18	45	5	22	33	24	19	14	35		35		57	16	55		8		42	
4	51	19	27	7	22	45	24	0	15	19		34		55		43		8		4	
5	55	19	17	9	22	56	23	40	16	8		33		54		31		7		41	
	58	18	16	11	23	5	23	19	17	0		32		52		20		7		40	
				13	23	13	22	59	17	53		32		51		9		6		39	
7	5	2	16	23	15	23	19	22	38	18	48	31	49	15	59		6		38		
3	6	13	42	17	23	23	22	17	19	43		31		48		49		5		37	
9	10	10	21	19	23	26	21	55	20	37		31		46		39		5		36	
0	14	6	24	21	23	27	21	33	21	28		30		45		30		5		35	
1	18	2	2	23	23	26	21	11	22	15		30		43		22		5		34	
2	22	2	s	34	25	23	24	20	49	22	56	31		42		15		5		33	
3	26	7	11	27	23	20	20	27	23	31		31		41		8		5		32	
				29	23	14	20	6	23	56		31		39		2		5		31	
4	5	30	11	30	Latitude of the Planets																
5	34	15	11																		
6	38	17	53	D	D		♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
7	42	19	19	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	S	'
8	46	19	22	1	5	0	2	30	3	42	2	40	0	41	2	49	0	46	0	16	
9	50	18	4	3	4	29		15		36		40		41		55		46		16	
0	54	15	38	5	3	12		0		27		39		41	3	1		46		16	
				7	1	18	1	42		15		39		40		7		46		16	
1	58	12	22	9	0	N	54	23		1		39		40		13		46		16	
2	6	2	8	11	3	2		2	2	45		38		40		20		46		16	
3	6	4	28	13	4	36	0	40		27		38		40		26		46		16	
4	9	0	N	18	15	5	3	16		7		37		39		33		46		16	
5	13	3	48	17	4	8	0	s	9	1	46	37	39	40		46		16		16	
6	17	7	39	19	2	6		36		24		36									

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

July, 1924.

New Moon July 2nd, 5:35 A. M., in ϖ $10^{\circ} 03'$

New Moon (Partial Eclipse of Sun), July 31st, 7:42 P. M., in Ω $8^{\circ} 1'$

Longitude of the Planets

Day	☉	☿	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
Tu	19	21	9	22	4	11	1	16	25	37	12	R	1	2	3	21	R	30	18	38	25	2
W	2	10	18	8	45	6	21	13	15	38	11	55	2	19	30	40						1
Th	3	11	15	8	7	8	31	25	20	38	49	2	35	30	42							1
F	4	12	12	7	31	10	42	7	Ω	33	39	43	2	49	29	44						1
S	5	13	9	6	54	12	52	19	56	39	38	3	3	29	46							
Su	6	14	7	6	20	15	2	2	π	30	40	32	3	16	29	47						
M	7	15	4	5	45	17	11	15	18	25	41	11	27	3	29	21	28	18	49	25		
Tu	8	16	1	5	13	19	19	28	23	42	22	3	41	28	51	24						
W	9	16	58	4	41	21	27	11	=	48	43	17	3	53	27	53						
Th	10	17	56	4	13	23	33	25	34	44	12	4	4	27	55							
F	11	18	53	3	44	25	38	9	π	42	45	7	4	14	26	57						
S	12	19	50	3	19	27	41	24	10	47	2	4	23	25	59							
Su	13	20	47	2	54	29	43	8	‡	56	48	10	58	4	32	24	19	1				
M	14	21	44	2	34	1	Ω	42	23	52	25	50	10	54	4	40	21	23	19	3	24	
Tu	15	22	42	2	13	3	41	8	∇	51	51	50	4	47	22	5						
W	16	23	39	1	57	5	37	23	45	53	46	4	54	21	7							
Th	17	24	36	1	41	7	32	8	≈	24	54	42	5	0	20	9						
F	18	25	33	1	30	9	25	22	42	56	38	5	5	19	11							
S	19	26	30	1	19	11	17	6	×	36	58	35	5	9	18	14						
Su	20	27	28	1	13	13	6	20	4	26	0	32	5	12	17	16						
M	21	28	25	1	7	14	54	3	∇	7	26	2	10	29	5	15	21	16	19	18	24	
Tu	22	29	22	1	6	16	39	15	48	5	26	5	17	15	20							
W	23	0	Ω	20	1	4	18	24	28	10	7	23	5	18	14	22						
Th	24	1	17	1	D	7	20	5	10	8	18	10	20	5	19	13	24					
F	25	2	14	1	10	21	46	22	16	12	18	5	R	18	11	26						
S	26	3	11	1	17	23	24	4	II	9	15	16	5	16	10	28	24					
Su	27	4	9	1	25	25	2	16	1	17	14	5	15	8	31	23						
M	28	5	6	1	37	26	37	27	55	26	20	10	12	5	12	21	7	19	33	23		
Tu	29	6	4	1	49	28	11	9	∇	54	23	10	5	9	5	35						
W	30	7	1	2	4	29	42	22	1	26	8	5	4	4	37							
Th	31	7	58	2	20	1	π	12	4	Ω	18	29	7	4	59	2	40					

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

July, 1924.

Full Moon July 16th, 11:49 A. M., in ν $23^{\circ} 39'$

Declination of the planets

S. T.	Dec.	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	
H. M.	°	N	°	N	°	N	°	S	°	S	°	N
6 37	19	22	1 23	7 19	45 24	12 7	32 21	38 14	57 4	5 15	30	
41	19	28	3 22	58 19	24 24	16 33	37 37	53 6	6 29			
45	18	41	5 22	48 19	5 24	10 34	36 36	49 6	28			
49	17	1	7 22	36 18	47 23	52 35	35 35	47 6	27			
53	14	32	9 22	22 18	31 23	24 36	34 34	45 7	25			
57	11	21	11 22	7 18	17 22	46 37	33 33	45 8	24			
			13 21	50 18	4 22	0 39	32 32	45 8	23			
7 17	35	15	21 32	17 54	21 7	40 40	31 31	47 9	22			
53	22	17	21 13	17 45	20 7	42 42	30 30	49 10	21			
9 1	s 5	19	20 52	17 39	19 2	44 44	30 30	52 11	19			
13 5	36	21	20 29	17 35	17 53	46 46	29 29	57 12	18			
16 9	56	23	20 5	17 33	16 40	48 48	29 15	2 13	17			
20 13	47	25	19 40	17 32	15 25	50 50	28 28	9 14	15			
24 16	51	27	19 14	17 33	14 9	53 53	28 28	16 15	14			
			29 18	46 17	36 12	51 55	28 28	24 16	13			
7 28	18	50	31 18	17 17	39 11	32 58	28 28	33 17	11			
32 19	31											
36 18	50											
Latitude of the Planets												
	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	
	°	S	°	S	°	N	°	N	°	N	°	
44 13	55	1 4	3 23	0 49	2 33	0 37	4 30	0 47	0 16			
48 10	14	3 2	26 48	1 6	32 32	36 36	38 47	16				
52 6	7	5 0	N 19	4 11	21 32	36 36	46 47	16				
56 1	51	7 1	56 32	32 31	35 31	53 47	16					
0 2	N 22	9 3	53 51	41 31	35 5	1 47	16					
4 6	23	11 5	3 5	7 47	30 30	35 9	47 16					
8 10	3	13 5	1 21	49 30	34 34	16 47	16					
12 13	16	15 3	39 32	49 29	34 34	24 47	16					
16 15	55	17 1	20 41	47 29	34 34	31 47	16					
20 17	54	19 1	s 13	47 28	33 33	39 48	16					
		21 3	22 51	34 28	33 33	46 48	16					
23 19	7	23 4	45 54	25 27	32 32	53 48	16					
27 19	29	25 5	15 54	14 27	32 6	0 48	16					
31 18	58	27 4	50 53	1 26	32 31	7 48	16					
35 17	33	29 3	36 51	0 47	26 31	13 48	16					
		31 1	41 47	31 25	31 31	19 48	16					

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

August, 1924.

New Moon (Partial Eclipse of Sun) Aug. 30th, 8:37 A. M., in π 69

Longitude of the Planets

Day	☉ ♌	♀ ♍	♂ ♎	♄ ♏	♃ ♐	♅ ♑	♁ ♒	♂ ♓	♃ ♈	♅ ♉	♄ ♊
	°	°	°	°	°	°	°	°	°	°	°
F	18 56	2 39	2 40	16 46	26 32	10 R 6	4 R 53	21 R 1	19 42	23	
S	29 53	2 59	4 7	29 25	35		5 4 46	20 59	44		
Su	3 10 51	3 22	5 31	12 π 18	39		4 4 39	57	46		
M	4 11 48	3 45	6 54	25 24	42		4 4 31	55	48		
Tu	5 12 46	4 11	8 14	8 \simeq 44	46		3 4 22	53	50		
W	6 13 43	4 38	9 33	22 19	49		3 4 12	52	52		
Th	7 14 41	5 7	10 49	6 π 8	26 53	10 3 4	2	20 50	19 54	23	
F	8 15 38	5 37	12 5	20 12	56	D 3 3	5 2	48	57		
S	9 16 36	6 9	13 16	4 \dagger 28	27 0		4 3 40	46	59		
Su	10 17 33	6 41	14 27	18 54	4		4 3 28	45 20	1		
M	11 18 31	7 16	15 34	3 \simeq 26	8		5 3 16	43	3		
Tu	12 19 28	7 51	16 41	18 0	12		6 3 3	41	6		
W	13 20 26	8 28	17 43	2 \simeq 29	16		7 2 50	39	8		
Th	14 21 24	9 5	18 45	16 49	27 20	10 8 2	36	20 37	20 10	23	
F	15 22 21	9 44	19 42	0 \times 53	25		10 2 22	35	12 22		
S	16 23 19	10 24	20 39	14 39	29		11 2 7	33	15		
Su	17 24 17	11 6	21 30	28 3	34		13 1 52	31	17		
M	18 25 14	11 48	22 20	11 γ 6	38		15 1 37	29	19		
Tu	19 26 12	12 31	23 4	23 49	43		18 1 22	27	21		
W	20 27 10	13 15	23 48	6 \times 13	47		20 1 6	25	24		
Th	21 28 8	14 1	24 25	18 23	27 52	10 23 0	50	20 23	20 26	22	
F	22 29 5	14 47	25 2	0 Π 23	56		25 0 34	21	28		
S	23 0 π 5	15 34	25 31	12 16	28 1		28 0 19	18	30		
Su	24 1	1 16	21 25	59 24	9	6	31 0 3	16	33		
M	25 1 59	17 10	26 18	6 \simeq 4	11	35 29 \simeq 47		14	35		
Tu	26 2 57	17 59	26 37	18 7	16	38 29 31		12	37		
W	27 3 55	18 49	26 46	0 Ω 21	22	42 29 16		16	39		
Th	28 4 53	19 39	26 55	12 49	28 27	10 45 29	0	20 8	20 41	22	
F	29 5 51	20 31	26 R 53	25 32	32	49 28 45		5	43		
S	30 6 49	21 23	26 50	8 π 31	37	53 28 29		3	45		
Su	31 7 47	22 16	26 35	21 47	43	58 28 15		1	47		

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

August, 1924.

II Moon (Total Eclipse of Moon) Aug. 14, 8:19 P. M., in $\approx 21^{\circ} 44'$
Declination of the planets

S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
H. M.	°	N	°	N	°	N	°	N	°	S	°	S	°	S	°	S	°	S	°	N
8	39	15	16	1	18	2	17	41	10	53	7	59	21	28	15	30	4	18	15	11
	43	12	14	2	17	47	17	43	10	14	8	0		23		43		18		10
	47	8	34	4	17	15	17	48	8	56		3		23		53		20		9
	51	4	26	6	16	43	17	53	7	39		6		29	16	4		21		7
	55	0	s 1	8	16	9	17	58	6	24		9		29		16		23		6
	59	4	28	10	15	35	18	4	5	10		13		30		27		24		4
				12	14	59	18	9	3	59		16		30		39		26		3
9	3	8	48	14	14	23	18	14	2	51		19		31		51		27		2
	7	12	43	16	13	45	18	18	1	48		23		32	17	2		29		0
	11	15	57	18	13	7	18	21	0	48		26		33		14		31	14	59
	15	18	15	20	12	28	18	24	0	s 6		30		34		25		32		57
	19	19	23	22	11	48	18	25	0	53		34		35		35		34		56
	23	19	14	24	11	7	18	25	1	33		38		36		45		36		55
	27	17	48	26	10	26	18	25	2	5		41		38		53		38		53
				28	9	44	18	22	2	26		45		39	18	1		39		52
9	31	15	16	30	9	1	18	18	2	35		50		40		8		41		51
	34	11	51																	
	38	7	51																	

Latitude of the Planets

Latitude of the Planets

	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	°	S	°	S	°	N	°	N	°	N	°	S	°	S	°	N	°	N	°	N
42	3	34																		
46	0	N 46																		
50	4	57	1	0	34	5	41	0	22	2	25	0	30	6	21	0	48	0	16	
54	8	49	2	0	N 36		42		11		25		30		24		48		16	
			4	2	50		36	0	s 4		24		30		29		48		16	
9	58	12	14	6	4	33	29		22		24		29		31		48		16	
10	2	15	7	8	5	17	22		42		23		29		38		48		16	
	6	17	20	10	4	45	13	1	2		23		29		41		48		16	
	10	18	48	12	3	2	5		23		22		28		44		48		16	
	14	19	27	14	0	34	4	55	44		22		28		45		48		16	
	18	19	13	16	1	s 57	45	2	5		21		27		47		48		16	
	22	18	5	13	3	56	35		26		21		27		47		48		16	
				20	5	4	25		47		21		27		47		48		17	
9	26	16	4	22	5	14	14	3	7		20		26		45		48		17	
	30	13	14	24	4	31	3		26		20		26		43		48		17	
	34	9	41	26	3	2	3	52	44		19		26		41		48		17	
	38	5	35	23	0	56	40		59		19		25		37		48		17	
				30	1	N 25	29	4	12		19		25		33		48		17	

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

September, 1924.

New Moon September 28th, 8:16 P. M., in $\approx 5^{\circ} 25'$

Longitude of the Planets

Day	☉ ♌	♀ ♍	♂ ♎	♄ ♏	♃ ♐	♅ ♑	♁ ♒	♆ ♓	♁ ♒	♄ ♏	♃ ♐
M	18 45 23	9 26	20 5	18 28	48 11	2 28	R 0	19	58	20 50	22
Tu	29 43 24	3 25	53 19	3 54	7 27	47 55				52 22	22
W	3 10 41	24 57	25 26	2 2	58 59	11 27	33 53			54 21	21
Th	4 11 40	25 52	24 47	17 2	29 5	16 27	21 50			56	
F	5 12 38	26 47	24 8	1 7	11 10	21 27	8 48			58	
S	6 13 36	27 43	23 18	15 23	16 16	27 26	57 46			21 0	
Su	7 14 34	28 40	22 28	29 36	29 22	11 32	26 45			19 44	21 2
M	8 15 32	29 37	21 31	13 47	28 28	33 26	35 41			4	
Tu	9 16 31	0 35	20 33	27 55	34 34	43 26	24 39			7	
W	10 17 29	1 33	19 32	11 57	40 40	49 26	15 36			9	
Th	11 18 27	2 31	18 31	25 50	46 46	55 26	6 34			11	
F	12 19 26	3 30	17 33	9 31	52 12	2 25	59 31			13	
S	13 20 24	4 29	16 34	22 59	58 58	8 25	51 29			14	
Su	14 21 23	5 29	15 43	6 11	0 4	12 15	25 45			19 27	21 16
M	15 22 21	6 29	14 51	19 6	10 10	21 25	39 25			18	
Tu	16 23 20	7 29	14 13	1 45	17 17	28 25	34 22			20	
W	17 24 18	8 30	13 34	14 8	23 23	35 25	29 20			22	
Th	18 25 17	9 31	13 13	26 17	29 29	42 25	26 17			24	
F	19 26 15	10 33	12 51	8 17	35 35	49 25	23 15			26	
S	20 27 14	11 35	12 48	20 10	42 42	57 25	21 13			28	
Su	21 28 13	12 37	12 45	2 1	0 48	13 4	25 20			19 11	21 30
M	22 29 11	13 40	13 2	13 56	55 55	12 25	20 8			32 20	20
Tu	23 0 10	14 43	13 19	26 0	1 1	19 25	20 6			34	
W	24 1 9	15 46	13 55	8 17	8 8	27 25	22 3			36	
Th	25 2 8	16 50	14 30	20 50	15 15	35 25	24 1			37	
F	26 3 7	17 54	15 23	3 44	22 22	43 25	27 18			58 39	
S	27 4 6	18 58	16 15	17 0	28 28	51 25	30 56			41	
Su	28 5 5	20 2	17 23	0 38	1 35	14 0	25 35			18 54	21 43
M	29 6 4	21 7	18 30	14 36	41 41	8 25	40 52			44	
Tu	30 7 3	22 12	19 49	28 48	48 48	17 25	47 49			46	

September, 1924.

Full Moon September 13th, 7:00 A. M., in $\approx 20^{\circ} 12'$

Declination of the planets

1	33	0	50
	37	3	N 28

8	5	24	♂
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[illegible]

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

October, 1924.

New Moon October 28th, 6:57 A. M., in η 4° 35'

Longitude of the Planets

Day	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂
	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂
W	1 8	2 23	18 21	8 13	12 1	55 14	26 25	53 18	47 21	48 2
Th	2 9	1 24	23 22	36 27	39 2	2 35	26 1	45 43	50 51	
F	3 10	0 25	29 24	5 12	† 5	9 44	26 9	43 41	53 54	
S	4 10	59 26	35 25	40 26	25 16	53 26	19 39	41 36	56 56	
Su	5 11	58 27	41 27	15 10	36 23	15 2	26 28	39 36		
M	6 12	57 28	47 28	54 24	36 30	12 26	39 36			
Tu	7 13	56 29	54 0	33 8	26 2	37 15	21 26	50 18	34 21	57 2
W	8 14	56 1	♂ 1	2 16	22 4	44 31	27 02	32 22	59 0	
Th	9 15	55 2	8 3	58 5	31 51	40 27	14 28	30 26	2 2	
F	10 16	54 3	15 5	42 18	48 58	50 27	29 28	26 24	3 1	
S	11 17	54 4	23 7	26 1	53 3	5 16	0 27	41 26	3 1	
Su	12 18	53 5	30 9	10 14	47 12	10 27	56 24	5 5		
M	13 19	52 6	38 10	54 27	28 19	20 28	11 22	6 6		
Tu	14 20	52 7	46 12	39 9	8 57	3 26	16 31	28 18	20 22	8 1
W	15 21	51 8	55 14	23 22	14 33	41 28	43 18	9 9		
Th	16 22	51 10	3 16	7 4	19 40	52 29	1 16	10 10		
F	17 23	50 11	12 17	51 16	16 47	17 2	29 18	15 13		
S	18 24	50 12	21 19	34 28	8 55	13 29	37 13	13 13		
Su	19 25	50 13	30 21	17 9	57 4	2 23	29 55	11 14		
M	20 26	49 14	39 23	0 21	50 9	34 0	14 9	15 15		
Tu	21 27	49 15	49 24	42 3	51 4	16 17	45 0	34 18	8 22	16 1
W	22 28	49 16	58 26	23 16	5 24	56 0	55 6	17 17		
Th	23 29	49 18	8 28	4 23	38 31	18 7	1 15	4 18		
F	24 0	♂ 48	19 18	29 44	11 38	18 1	37 2	19 19		
S	25 1	48 20	28 1	24 24	58 45	29 1	58 1	20 20		
Su	26 2	48 21	38 3	3 8	48 53	41 2	21 0	21 21		
M	27 3	48 22	48 4	42 23	4 5	52 2	43 17	59 22		
Tu	28 4	48 23	55 6	20 7	41 5	7 19	4 3	7 17	57 22	23 1
W	29 5	48 25	9 7	58 22	31 14	15 3	30 56	24 24	1 1	
Th	30 6	48 26	19 9	35 7	† 25	22 27	3 54	55 25	1 1	
F	31 7	48 27	30 11	12 22	15 29	38 4	18 54	26 26		

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

October, 1924.

Full Moon October 12th, 8:21 P. M., in Υ $19^{\circ} 14'$

Declination of the planets

S. T.	Dec.	D	D	⊙	♀	♂	♄	♅	♆	♇	♈	♉				
L. M.	° S	'	° S	' N	' N	' S	' S	' S	' S	' N	'	'				
2	40	10	58	1 3	11 13	17 5	3	10	3	22	13	17	2 5	11	14	31
	44	14	40	3 3	57 12	43 4	2		8		15	16	48		12	30
	48	17	28	5 4	44 12	7 2	51		12		18		32		14	29
	52	19	10	7 5	30 11	29 1	34		17		20		16		16	28
	56	19	39	9 6	16 10	50 0	11		22		22	15	59		17	27
	59	18	54	11 7	1 10	9 1	s 15		27		25		42		19	26
				13 7	46 9	27 2	43		32		27		23		20	25
3	3	17		1 15	8 31	8 44	4 12		37		29		4		22	25
	7	14		11 17	9 15	7 59	5 41		42		32	14	44		23	24
	11	10		37 19	9 59	7 13	7 9		47		34		23		24	23
	15	6		34 21	10 42	6 26	8 35		52		36		2		26	22
	19	2		16 23	11 24	5 38	10 0		57		39	13	40		27	22
	23	2	N	4 25	12 6	4 49	11 23	11	1		41		18		28	21
	27	6		15 27	12 47	3 59	12 42		6		43	12	54		29	20
				29 13	27 3	8 14	0		11		45		31		30	20
3	31	10		5 31	14 7	2 17	15 14		16		47		6		31	19

35	13	26	Latitude of the Planets																	
39	16	11																		
43	18	12	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂				
47	19	25	° N	° S	° N	° N	° N	° S	° S	° S	° N									
51	19	47	15	40	30	1	40	2	14	0	19	4	24	0	48	0	17			
55	19	16	34	49	21		50		14		19		14		48		17			
			53	23	11		55		14		19		5		48		17			
3	59	17	53	7	11		2		56		13		19	3	56		48	17		
4	3	15	39	9	1 S	13	0	N	7		55		13		18		47	48	17	
	6	12	38	11	3	17		16		50		13		18		38		48	17	
	10	8	55	13	4	38		24		44		13		18		30		48	17	
	14	4	38	15	5	3		32		35		13		17		21		48	17	
	18	0	S	1	17	4	34		40		25		13		17		13		48	17
	22	4	48	19	3	18		47		14		13		17		5		48	17	
			21	1	27			54		3		13		17	2	57		48	18	
4	26	9	26	23	0	N	43	1	1	0	50		13		16		49		48	18
	30	13	33	25	2	52		7			37		13		16		42		48	13
	34	16	50	27	4	29		13		24		13		16		34		48	18	
	38	19	0	29	5	1		19		11		13		16		27		48	13	
			31	4	14			24	0	S	3		13		15		20		48	18

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

November, 1924.

New Moon November 26th, 5:15 P. M., in ♄ 4° 12'

Longitude of the Planets

Day	☉ ♌	♀ ♍	♂ ♎	♄ ♏	♃ ♐	♅ ♑	♁ ♒	♆ ♓	♁ ♓	♁ ♓
	°	°	°	°	°	°	°	°	°	°
S	18 48	28 41	12 48	6 53	5 36	19 50	4 43	17R52	22 27	
Su	29 48	29 52	14 24	21 15	43 20	2 5	8	51	27	
M	3 10 48	1 = 3	15 59	5 ≈ 18	51	14 5	34	50	28	
Tu	4 11 48	2 15	17 34	19 1	58	26 6	0	49	29	
W	5 12 49	3 26	19 9	2 ♄ 27	6 4	38 6	27	47	30	
Th	6 13 49	4 38	20 43	15 38	12	50 6	53	46	30	
F	7 14 49	5 49	22 17	28 35	6 19	21 3	7 21	17 45	22 31	
S	8 15 49	7 1	23 50	11 ♀ 20	26	15 7	48	44	31	
Su	9 16 50	8 13	25 23	23 55	34	28 8	16	43	32	
M	10 17 50	9 25	26 56	6 ♂ 20	41	40 8	44	43	32	
Tu	11 18 50	10 37	28 28	18 36	48	53 9	13	42	33	
W	12 19 51	11 49	0 ♄ 0	0 ♄ 43	55 22	5 9	41	41	33	
Th	13 20 51	13 1	1 32	12 43	7 2	18 10	11	40	34	
F	14 21 51	14 13	3 4	24 36	7 9	22 30	10 40	17 40	22 34	
S	15 22 52	15 25	4 35	6 ♄ 25	16	43 11	10	39	34	
Su	16 23 52	16 38	6 6	18 14	23	55 11	39	38	34	
M	17 24 53	17 51	7 37	0 ♀ 5	30 23	8 12	10	38	35	
Tu	18 25 53	19 4	9 7	12 3	37	21 12	40	37	35	
W	19 26 54	20 16	10 37	24 14	44	34 13	11	37	35	
Th	20 27 55	21 29	12 7	6 ♀ 42	51	47 13	41	37	35	
F	21 28 55	22 42	13 36	19 34	7 58	24 0	14 13	17 37	22 36	
S	22 29 56	23 55	15 5	2 = 54	8 5	13 14	44	36	36	
Su	23 0 ♄	57 25	8 16	34 16	43 12	26 15	16	36	36	
M	24 1	57 26	21 18	2 1 ♀	2 19	39 15	47	36	36	
Tu	25 2	58 27	34 19	29 15	48 26	53 16	20	36	36	
W	26 3	59 28	48 20	56 0 ♄	52 33	25 6	16 52	36	36	
Th	27 5	0 0 ♀	1 22	22 16	6 40	19 17	25	36	36	
F	28 6	0 1	15 23	49 1 ♄	17 8	46 25	32 17	57 17D36	22R35	
S	29 7	1 2	28 25	13 16	17 53	46 18	30	36	35	
Su	30 8	2 3	42 26	37 0 ≈	57 9	0 59	19 3	36	35	

November, 1924.

Full Moon November 11th, 0:31 P. M., in γ $18^{\circ} 51'$

Declination of the planets

S. T.	Dec.	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
I. M.	° S	'	° S	'	° N	'	° S	'	° S	'	° S	'	° S	'	° S	'	° N		
4 42	19	52	1 14	26	1 51	15	50	11	18	22	48	11	54	5	32	14	19		
46	19	26	2 14	45	1 24	16	25	21		49		42		32		19			
50	17	46	4 15	23	0 32	17	33	25		51		16		33		18			
54	15	6	6 15	59	0 s 21	18	37	30		53	10	51		34		18			
58	11	41	8 16	35	1 15	19	38	35		55		24		34		18			
5	2	7	44	10	17	9	2	8	20	34	40	57	9	58	35	17			
				12	17	42	3	2	21	27	44	59		30	36	17			
5	6	3	30	14	18	14	3	56	22	15	49	23	0	3	36	17			
10	0	N	50	16	18	45	4	50	22	59	53	2	8	35	36	17			
14	5		4	18	19	14	5	43	23	39	58	3		7	37	17			
17	9		1	20	19	42	6	37	24	13	12	2	5	7	38	37	17		
21	12	34	22	20	8	7	30	24	43		6		6	9	37	16			
25	15	32	24	20	33	8	22	25	8		11		8	6	40	37	16		
29	17	50	26	20	57	9	14	25	27		15		9		11	37	17		
			28	21	19	10	6	25	40		19		10	5	41	37	17		
5	33	19	20	30	21	39	10	56	25	49	23		11		11	37	17		
37	19	59																	
41	19	46																	
Latitude of the Planets																			
45	18	40	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
49	16	44		° N	'	° N	'	° S	'	° N	'	° N	'	° S	'	° S	'	° N	
53	14	1	1 3	24	1 27	0	10	2	13	0	15	2	16	0	48	0	18		
57	10	37	2 2	22		29		16		13		15		13		48		18	
			4 0	s 1		33		30		13		15		6		47		18	
6	1	6	37	6	2	15		37		43		13		15		0		47	18
	5	2	9	8	3	58		41		55		13		14	1	54		47	18
	9	2	s	34	10	4	53	44	1	8		13		14		48		47	18
	13	7	18	12	4	52		47		19		13		14		42		47	18
	17	11	45	14	4	1		49		31		13		14		36		47	18
	21	15	34	16	2	28		51		41		13		14		30		47	18
	24	18	22	18	0	28		53		51		13		13		25		47	18
			20	1	N	41		54	2	0		13		13		19		47	18
6	28	19		22	3	36		55		7		13		13		14		47	18
	32	19	57	24	4	50		56		14		13		13		9		47	18
	36	18	39	26	4	53		56		19		13		12		4		47	18
				28	3	35		56		23		14		12	1	0		47	18
				30	1	20		55		24		14		12	0	55		46	18

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

December, 1924.

New Moon December 26th, 3:46 A. M., in ϖ $4^{\circ} 08'$

Longitude of the Planets

Day	☉ ♈	♀ ♍	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊
	°	'	°	'	°	'	°	'	°	'	°
M	19	34	55	27 59	15 13	9	7	26 13	19 37	17 36	22 _R 35
Tu	210	46	9	29 21	29 4		13	26 20	10	36	35
W	311	57	22	0 _W 41	12 _W 31		20	40 20	44	36	34
Th	412	58	36	2 0	25 37		26	53 21	17	37	34
F	513	69	50	3 15	8 24		33	27 7	21 51	37	34 17
S	614	711	44	30 20	57		39	20 22	25	38	34 16
Su	715	812	17	5 40	3 8 18	9	45	27 34	23 0	17 38	22 33 16
M	816	913	31	6 49	15 29		51	47 23	34	39	33
Tu	917	1014	45	7 52	27 34		58	28 1	24 9	39	33
W	1018	1115	59	8 54	9 32	10	4	14 24	43	40	32
Th	1119	1217	13	9 47	21 26		10	28 25	18	41	31
F	1220	1318	28	10 40	3 17		16	41 25	53	42	30
S	1321	1419	42	11 21	15 6		22	55 26	29	42	30
Su	1422	1520	56	12 1	26 56	10	28	29 9	27 4	17 43	22 29 16
M	1523	1622	10	12 26	8 49		39	23 28	9	44	29
Tu	1624	1723	24	12 50	20 49		40	36 28	14	45	28
W	1725	1824	38	12 56	3 1		46	50 28	50	46	28
Th	1826	1925	53	13 1	15 27		52	0 _W 4	29 26	47	27
F	1927	2027	7	12 _R 45	28 14		58	18 0	2	48	26
S	2028	2228	22	12 28	11 _W 26	11	3	31 0	37	50	25
Su	2129	2329	36	11 49	25 5	11	9	0 45	1 14	17 51	22 24 16
M	220 _W 24	0 1	50	11 9	9 14		15	59 1	50	52	23
Tu	231	25 2	4	10 8	23 50		20	1 13	2 26	53	22
W	242	26 3	19	9 7	8 1		25	26 3	2	55	21 16
Th	253	27 4	33	7 51	24 4		31	40 3	39	57	20 16
F	264	29 5	48	6 34	9 22		36	54 4	15	58	19
S	275	30 7	3	5 13	24 34		42	2 8	4 52	18 0	18
Su	286	31 8	18	3 51	9 29	11	47	2 21	5 28	18 1	22 17 16
M	297	32 9	32	2 34	24 1		52	35 6	5	3	16
Tu	308	33 10	47	1 17	8 6		57	49 6	42	4	15
W	319	34 12	2	0 14	21 44	12	2	3 3	7 19	6	14 16

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

December, 1924.

Full Moon December 11th, 7:03 A. M., in Π $18^{\circ} 59'$

Declination of the planets

S. T.	Dec.	D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
I. M.	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	N	'
6	40	16	12	1	21	49	11	21	25	50	12	25	23	12	4	56	5	37	14	17	
	44	12	52	2	21	58	11	46	25	51		27		12		41		37		17	
	48	8	57	4	22	15	12	35	25	47		31		13		10		36		17	
	52	4	43	6	22	30	13	23	25	38		35		14	3	39		36		17	
	56	0	22	8	22	44	14	9	25	24		39		14		9		35		18	
7	0	3	N 55	10	22	55	14	54	25	4		42		15	2	37		35		18	
				12	23	5	15	38	24	40		46		16		6		34		18	
	4	7	58	14	23	13	16	21	24	12		49		16	1	35		33		19	
	8	11	38	16	23	19	17	1	23	42		53		16		3		33		19	
	12	14	48	18	23	24	17	40	23	10		56		17	0	32		32		20	
	16	17	19	20	23	26	18	17	22	37		59		17		0		31		20	
	20	19	5	22	23	27	18	53	22	5	13	3		17	0	N 31		30		21	
	24	20	1	24	23	25	19	26	21	35		6		17	1	3		29		22	
	28	20	4	26	23	22	19	57	21	8		9		16		35		28		22	
				28	23	17	20	26	20	44		12		16	2	7		26		23	
7	32	19	14	30	23	10	20	52	20	26		14		16		39		25		24	
	35	17	33	31	23	6	21	5	20	20		16		16		54		24		24	

Latitude of the Planets

			D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂			
			°	N	'	°	N	'	°	S	'	°	N	'	°	S	'	°	S	'	°	N	'
47	8	10																					
51	3	58																					
55	0	s 33	1	0	5	1	55	2	24	2	14	0	12	0	53	0	46	0	18				
			2	1	s 8		54		24		14		12		51		46		18				
59	5	11	4	3	14		53		22		14		12		46		46		18				
3	9	42	6	4	36		52		16		14		11		42		46		18				
7	13	48	8	5	4		50		8		15		11		38		46		19				
11	17	8	10	4	38		48	1	56		15		11		34		45		19				
15	19	20	12	3	24		45		39		15		11		31		46		19				
19	20	9	14	1	35		43		18		15		11		27		46		19				
23	19	30	16	0	N 33		40	0	52		16		10		23		46		19				
			18	2	38		36		21		16		10		20		46		19				
27	17	28	20	4	19		33	0	N 15		16		10		16		46		19				
31	14	22	22	5	8		29		54		16		10		13		46		19				
35	10	30	24	4	42		25	1	33		17		10		10		45		19				
39	6	12	26	2	58		21	2	10		17		10		7		45		19				
			28	0	s 26		17	2	39		17		9		4		45		19				
			30	2	7		12	3	0		18		9		1		45		19				
			31	3	11		10	3	5		18		9	0	N 1		45		19				

TABLE OF PROPORTIONAL LOGARITHMS

Hours or Degrees

Min.	0	1	2	3	4	5	6	7	8	9	10	11
0	3.1584	1.3802	1.0792	9031	7781	6812	6021	5351	4771	4260	3802	3388
1	3.1584	.3730	.0756	07	63	6798	09	41	62	52	3795	82
2	2.8573	.3660	.0720	8983	45	84	5997	30	53	44	88	75
3	.6812	.3590	.0685	59	28	69	85	20	44	36	80	68
4	.5563	.3522	.0649	8935	10	55	73	10	35	28	73	62
5	2.4594	1.3454	1.0614	8912	7692	6741	5961	5300	4726	4220	3766	3355
6	.3802	.3388	.0580	8888	74	26	49	5289	17	12	59	47
7	.3133	.3323	.0546	65	57	12	37	79	08	04	52	42
8	.2553	.3258	.0511	42	39	6698	25	69	4699	4196	45	36
9	.2041	.3195	.0478	19	22	84	13	59	.90	88	38	29
10	2.1584	1.3133	1.0444	8796	7604	6670	5902	5249	4682	4180	3730	3323
11	.1170	.3071	.0411	73	7587	56	5890	39	73	72	23	16
12	.0792	.3010	.0378	51	70	42	78	29	64	64	16	10
13	.0444	.2950	.0345	28	52	28	66	19	55	56	09	03
14	.0122	.2891	.0313	06	35	14	55	09	46	49	02	3297
15	1.9823	1.2833	1.0280	8683	7518	6600	5843	5199	4638	4141	3695	3291
16	.9542	.2775	.0248	61	01	6587	32	89	29	33	88	84
17	.9279	.2719	.0216	39	7484	73	20	79	20	25	81	78
18	.9031	.2663	.0185	17	67	59	09	69	11	17	74	71
19	.8796	.2607	.0153	8595	51	46	5797	59	03	09	67	65
20	1.8573	1.2553	1.0122	8573	7434	6532	5786	5149	4594	4102	3660	3258
21	.8361	.2499	.0091	52	17	19	74	39	85	4094	53	52
22	.8159	.2445	.0061	30	01	05	63	29	77	86	46	46
23	.7966	.2393	.0030	09	7384	6492	52	20	68	79	39	39
24	.7781	.2341	.0000	8487	68	78	40	10	59	71	32	33
25	1.7604	1.2289	0.9970	8466	7351	6465	5729	5100	4551	4063	3625	3227
26	.7434	.2239	.9940	45	35	51	18	5090	42	55	18	20
27	.7270	.2188	.9910	24	18	38	06	81	34	48	11	11
28	.7112	.2139	.9881	03	02	25	5695	71	25	40	04	04
29	.6960	.2090	.9852	8382	7286	12	84	61	16	32	3597	01
30	1.6812	1.2041	0.9825	8361	7270	6398	5673	5051	4508	4025	3590	3194
31	.6670	.1993	.9794	41	54	85	62	42	4499	17	83	88
32	.6532	.1946	.9765	21	38	72	51	32	91	10	77	84
33	.6398	.1899	.9737	00	22	59	40	23	82	02	70	77
34	.6269	.1852	.9708	8279	06	46	29	13	74	3995	63	70
35	1.6143	1.1806	0.9680	8259	7190	6333	5618	5003	4466	3987	3556	3164
36	.6021	.1761	.9652	39	74	20	07	4994	57	79	49	55
37	.5902	.1716	.9625	19	59	07	5596	84	49	72	42	54
38	.5786	.1671	.9597	8199	43	6294	85	75	40	64	35	44
39	.5673	.1627	.9570	79	28	82	74	65	32	57	29	33
40	1.5563	1.1584	0.9542	8159	7112	6269	5563	4956	4424	3949	3522	3133
41	.5456	.1540	.9515	40	7097	56	52	47	15	42	15	22
42	.5351	.1498	.9488	20	81	43	41	37	07	34	08	20
43	.5249	.1455	.9462	01	66	31	31	28	4399	27	01	11
44	.5149	.1413	.9435	8031	50	18	20	18	90	19	3495	01
45	1.5051	1.1372	0.9409	8062	7035	6205	5509	4909	4382	3912	3488	3104
46	.4956	.1331	.9383	43	20	6193	5498	00	74	05	81	309
47	.4863	.1290	.9356	23	05	80	88	4890	65	3897	75	84
48	.4771	.1249	.9330	04	6990	68	77	81	57	90	68	84
49	.4682	.1209	.9305	7985	75	55	66	72	49	82	61	77
50	1.4594	1.1170	0.9279	7966	6960	6143	5456	4863	4341	3875	3455	3074
51	.4508	.1130	.9254	47	45	31	45	53	33	68	48	64
52	.4424	.1091	.9228	29	30	18	35	44	24	60	41	55
53	.4341	.1053	.9203	10	15	06	24	35	16	53	35	55
54	.4260	.1015	.9178	7891	00	6094	14	26	08	46	28	44
55	1.4180	1.0977	0.9153	7873	6885	6081	5403	4817	4300	3838	3421	3044
56	.4102	.0939	.9128	54	71	69	5393	08	4292	31	15	33
57	.4025	.0902	.9104	36	56	57	82	4799	84	24	08	22
58	.3949	.0865	.9079	18	41	45	72	89	76	17	01	22
59	.3876	.0828	.9055	00	27	33	61	80	68	09	3395	11

TABLE OF PROPORTIONAL LOGARITHMS

Hours or Degrees

Min.	12	13	14	15	16	17	18	19	20	21	22	23
0	3010	2663	2341	2041	1761	1498	1249	1015	0792	0580	0378	0185
1	04	57	36	36	56	93	45	11	88	77	75	82
2	2998	52	30	32	52	89	41	07	85	73	71	79
3	92	46	25	27	47	85	37	03	81	70	68	75
4	86	41	20	22	43	81	34	0999	77	66	64	72
5	2980	2635	2315	2017	1738	1476	1229	0996	0774	0563	0361	0169
6	74	29	10	12	34	72	25	92	70	59	58	66
7	68	24	05	08	29	68	21	88	66	56	55	63
8	62	18	00	03	25	64	17	84	63	52	52	60
9	56	13	2295	1998	20	60	13	80	59	49	48	57
10	2950	2607	89	1993	1716	1455	1209	0977	0756	0546	0345	0153
11	45	02	84	89	11	51	05	73	52	42	42	50
12	38	2596	79	84	07	47	01	69	49	39	39	47
13	33	91	74	79	02	43	1197	65	45	35	35	44
14	27	85	69	74	1698	38	93	62	42	32	32	41
15	2921	2580	2264	1969	1694	1434	1189	0958	0738	0529	0329	0138
16	15	75	59	65	89	30	85	54	34	25	26	35
17	09	69	54	60	85	26	82	50	31	22	22	32
18	03	64	49	55	80	22	78	47	27	18	19	29
19	2897	58	44	50	76	17	74	43	24	15	16	25
20	2891	2553	2239	1946	1671	1413	1170	0939	0720	0511	0313	0122
21	85	47	34	41	67	09	66	35	17	08	09	19
22	80	42	29	36	63	05	62	32	13	05	06	16
23	74	36	23	32	58	01	58	28	09	01	03	13
24	68	31	18	27	54	1397	54	24	06	0498	00	10
25	2862	2526	2213	1922	1649	1393	1150	0920	0702	0495	0296	0107
26	56	20	08	17	45	88	46	17	0699	91	92	04
27	50	15	03	13	40	84	42	13	95	88	90	01
28	45	09	2198	08	36	80	38	09	92	85	87	0098
29	39	04	93	03	32	76	34	05	88	81	83	94
30	2833	2499	2188	1899	1627	1372	1130	0902	0685	0478	0280	0091
31	27	93	83	94	23	68	26	0898	81	74	77	88
32	21	88	78	90	19	63	23	94	78	71	74	85
33	16	83	73	85	14	59	19	91	74	68	71	82
34	10	77	68	80	10	55	15	87	70	64	67	79
35	2804	2472	2164	1875	1605	1351	1111	0883	0667	0461	0264	0076
36	2798	67	59	71	01	47	07	80	64	58	61	73
37	93	61	54	66	1597	43	03	76	60	54	58	70
38	87	56	49	62	92	39	1099	72	56	51	55	67
39	81	61	44	57	88	35	95	68	53	48	51	64
40	2775	2445	2139	1852	1584	1331	1092	0865	0649	0444	0248	0061
41	70	40	34	48	79	27	88	61	46	41	45	58
42	64	35	29	43	75	22	84	57	42	37	42	55
43	58	30	24	38	71	18	80	54	39	34	39	52
44	53	24	19	34	66	14	76	50	35	31	35	48
45	2747	2419	2114	1829	1562	1310	1072	0846	0632	0428	0232	0045
46	41	14	09	25	58	06	68	43	29	24	29	42
47	36	09	04	20	53	02	64	39	25	21	26	39
48	30	03	2099	16	49	1298	61	35	21	18	23	36
49	24	2398	2095	11	45	94	57	32	18	14	20	33
50	2719	2393	2090	1806	1540	1290	1053	0828	0614	0411	0216	0030
51	13	88	85	02	36	86	49	24	11	08	13	27
52	07	82	80	1797	32	82	45	21	08	04	10	24
53	02	77	75	93	28	78	41	17	04	01	07	21
54	2696	72	70	88	23	74	37	14	01	0398	04	18
55	2691	2367	2065	1784	1519	1270	1034	0810	0597	0394	0201	0015
56	85	62	61	79	15	66	30	06	94	91	0197	12
57	79	56	56	74	10	61	26	03	90	88	94	09
58	74	51	51	70	06	57	22	0799	87	84	91	06
59	68	46	46	65	02	53	18	95	83	81	88	03

Ancient and Modern Initiation

By MAX HEINDEL

PART I—*The Tabernacle in the Wilderness*

The Atlantean Mystery Temple—Brazen Altar and Laver—Room of Temple—Ark of Covenant—Sacred Shekinah Glory—Moon and Initiation.

PART II—*The Christian Mystic Initiation*

Annunciation and Immaculate Conception—Mystic Rite of tism—The Temptation—The Transfiguration—Last Supper and washing—Gethsemane, the Garden of Grief—The Stigmata and Crucifixion.

148 Pages Cloth Bound Indexed 7 Illustrations

The Rosicrucian Christianity Lectures

This set of 20 Lectures was Mr. Heindel's first presentation to public of the authentic Western Wisdom Teachings given to directly by the Elder Brothers of the Order of the Rose Cross. consecutively they give a comprehensive understanding of the crucian Philosophy, but each lecture is complete in itself.

Bound in uniform style with other Fellowship books in green and stamped with red and gold. Illustrated with charts and diagrams.

374 Pages Indexed Cloth Bound

Mysteries of the Great Operas

By MAX HEINDEL

Wagner the Master Musician and Goethe the Poet-Initiate touched with magic the Story of Evolution. A Myth is a veiled story containing a great cosmic truth. The myths conceal many of hidden truths which are now being translated from symbol and allegory.

These magnificent Operas expound the most profound truths of God and Nature.

176 Pages Cloth Bound Index

THE ROSICRUCIAN FELLOWSHIP

Oceanside, California, U.S.A.

EPHEMERIS OF PLUTO FOR 1925

	Long.	Dec.	Date	Long.	Dec.
January 18	12° 50' 10" R	20° N 46'	July 17	13° 50' 22'	20° N 56'
February 17	11° 50' 39'	20° N 52'	August 16	14° 50' 3'	20° N 53'
March 19	11° 50' 24'	20° N 56'	Sept. 15	14° 50' 33'	20° N 50'
April 18	11° 50' 31" D	20° N 58'	October 15	14° 50' 44'	20° N 49'
May 18	11° 50' 56'	20° N 59'	November 14	14° 50' 34" R	20° N 52'
June 17	12° 50' 36'	20° N 58'	December 14	14° 50' 5'	20° N 56'

How Shall We Know Christ at His Coming?

By MAX HEINDEL

Explains the Western Wisdom Teachings of the Rosicrucians relative to the Christ: who He is; why He came; why He must come again; and how we shall know Him.

27 Pages

Art Paper Cover

LETTERS TO STUDENTS

By MAX HEINDEL

For eight years Max Heindel, the mystic and occultist, sent out to students of The Rosicrucian Fellowship a letter each month filled with much valuable information, explaining the cause of many of the difficulties occurring in daily life, not only of individuals but of nations as well. The path to Christian victory living is plainly marked.

255 Pages

Indexed

Cloth Bound

THE ROSICRUCIAN FELLOWSHIP

Oceanside, California, U.S.A.

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

January, 1925

New Moon (Total Eclipse of Sun) January 24th, 2:45 P. M., in $\approx 4^{\circ}$

Longitude of the Planets

Day	☉ ♌	♀ ♍	♂ ♎	♃ ♏	♅ ♐	♁ ♑	♄ ♒	♆ ♓	♁ ♑	♃ ♏	♅ ♐
Th	1 10 36	13 16	29R10	4 56	12 7 3	16 7 56	18 7 22	R13 15			
F	2 11 37	14 31	28 21	17 45	12 11 3	30 8 33	18 9 22	11			
S	3 12 38	15 46	27 47	0 8 15	12 16 3	44 9 10	18 11 22	10			
Su	4 13 39	17 0	27 18	12 30	12 21 3	57 9 47	18 13 22	9			
M	5 14 40	18 15	26 59	24 34	12 25 4	11 10 25	18 15 22	8			
Tu	6 15 41	19 30	26 50	6 II 31	12 30 4	25 11 2	18 17 22	7			
W	7 16 42	20 44	26D50	18 23	12 34 4	38 11 40	18 19 22	5 15			
Th	8 17 44	21 59	26 59	0 25 13	12 39 4	52 12 17	18 21 22	4			
F	9 18 45	23 14	27 15	12 4	12 43 5	6 12 55	18 23 22	3			
S	10 19 46	24 29	27 38	23 56	12 47 5	19 13 31	18 25 22	1			
Su	11 20 47	25 44	28 8 5	Ω 52	12 51 5	33 14 10	18 27 22	0			
M	12 21 48	26 58	28 44	17 53	12 55 5	46 14 47	18 29 21	59			
Tu	13 22 49	28 13	29 25	0 m 3	12 59 6	0 15 25	18 32 21	57 14			
W	14 23 50	29 28	0W11	12 23	13 3 6	13 16 3	18 34 21	56			
Th	15 24 51	0W43	1 24	56 13	7 6	27 16 41	18 36 21	54			
F	16 25 53	1 58	1 56	7 46	13 10 6	40 17 18	18 39 21	53			
S	17 26 54	3 13	2 53	20 55	13 14 6	54 17 56	18 41 21	51			
Su	18 27 55	4 27	3 54	4 m 27	13 17 7	7 18 34	18 43 21	50			
M	19 28 56	5 42	4 57	18 22	13 21 7	20 19 12	18 46 21	48			
Tu	20 29 57	6 57	6 3	2 40	13 24 7	34 19 51	18 48 21	47			
W	21 0 58	8 12	7 12	17 20	13 27 7	47 20 28	18 51 21	45 14			
Th	22 1 59	9 27	8 22	2 W 16	13 31 8	0 21 6	18 53 21	44			
F	23 3 0	10 42	9 34	17 20	13 34 8	13 21 45	18 56 21	42			
S	24 4 1	11 57	10 49	2 25	13 37 8	26 22 23	18 59 21	40			
Su	25 5 2	13 12	12 4	17 20	13 39 8	40 23 1	19 1 21	39			
M	26 6 3	14 27	13 21	1 57	13 42 8	53 23 39	19 4 21	38			
Tu	27 7 4	15 42	14 40	16 12	13 45 9	6 24 17	19 7 21	37			
W	28 8 5	16 56	16 0	0 7	0 13 47	9 19 24	56 19 10	21 35			
Th	29 9 6	18 11	17 21	13 22	13 50 9	31 25 34	19 12 21	32			
F	30 10 7	19 26	18 43	26 19	13 52 9	44 26 12	19 15 21	31			
S	31 11 8	20 41	20 6	8 54	13 55 9	57 26 51	19 18 21	29			

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

January, 1925

Full Moon January 10th, 2:47 A. M., in π $19^{\circ} 23'$

Declination of the Planets

S.T.	Dec.	D	☉	♀	♂	♂	♂	♂	♂	♂	♂
H.M.	° S	° S	° S	° S	° S	° S	° N	° S	° N		
1	18 42	1 45	1 23	1 21	17 20	16 13	17 23	16 3	10 5	24 14	24
2	18 46	2 N 39	3 22	51 21	38 20	13 13	19 13	15 3	42 23		25
3	18 50	6 49	5 22	38 21	58 20	18 13	22 13	14 4	14 21		26
4	18 54	10 38	7 22	24 22	14 20	29 13	24 13	14 4	46 20		27
5	18 58	13 57	9 22	8 22	28 20	43 13	26 13	5 17	18 18		28
6	19 2	16 39	11 21	50 22	40 21	1 13	28 12		49 16		29
			13 21	31 22	49 21	21 13	30 11	6 20	14 14		30
7	19 6	18 39	15 21	10 22	54 21	39 13	32 23	10 6	51 5	12 14	31
8	19 10	19 50	17 20	47 22	53 21	57 13	34 9	7 22	10 10		32
9	19 14	20 9	19 20	23 22	58 22	13 13	36 8	7 53	8 8		33
0	19 18	19 34	21 19	57 22	56 22	26 13	37 6	8 24	6 6		34
1	19 22	18 7	23 19	30 22	50 22	35 13	39 5	8 54	4 4		35
2	19 26	15 50	25 19	1 22	42 22	41 13	40 3	9 25	2 2		36
3	19 30	12 51	27 18	31 22	32 22	42 13	41 2	9 55	0 0		37
			29 17	59 22	18 22	39 13	42 0	10 24	4 58		38
4	19 34	9 15	31 17	26 22	2 22	32 13	43 22	59 10	54 56	14 39	
5	19 38	5 12	Latitude of the Planets								
6	19 42	0 51									
D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
° S	° N	° N	° N	° N	° N	° S	° N				
7	19 46	3 s 39	1 4	2 1	8 3	10 2	18 0	9 0	2 0	45 0	19
8	19 50	8 6	3 5	4 1	3 3	12 2	18 9	4 4	45 45		19
9	19 53	12 14	5 5	5 8	0 58	7 7	19 9	7 7	45 45		19
0	19 57	15 48	7 4	7 19	53 2	56 19	8 8	10 10	45 45		19
1	20 1	18 28	9 2	46 48	41 48	20 20	8 8	12 12	45 45		19
2	20 5	19 55	11 0	43 43	25 43	20 20	8 8	14 14	45 45		19
3	20 9	19 59	13 1	29 37	6 37	21 21	8 8	17 17	45 45		19
4	20 13	18 37	15 3	29 32	1 47	21 21	8 8	19 19	45 45		19
5	20 17	15 58	17 4	52 27	28 21	21 21	8 8	21 21	45 45		19
6	20 21	12 20	19 5	16 21	8 21	22 22	7 7	23 23	45 45		19
7	20 25	8 4	21 4	24 16	0 49	22 22	7 7	25 25	45 45		19
8	20 29	3 31	23 2	21 11	31 22	22 22	7 7	27 27	45 45		19
9	20 33	1 N 4	25 0 s	20 5	13 23	23 23	7 7	29 29	44 44		19
0	20 37	5 27	27 2	51 0	5 s	23 23	7 7	31 31	44 44		19
1	20 41	9 28	29 4	34 s	5 20	24 24	6 6	32 32	44 44		19
			31 5	17 11	35 24	24 24	6 6	34 34	44 44		19

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

February, 1925

New Moon February 23rd, 2:12 A. M., in ♄ 3° 59'

Longitude of the Planets

Day	☉ ☿	♀ ♀	♂ ♂	♂ ♂	♂ ♂	♂ ♂	♂ ♂	♂ ♂	♂ ♂	♂ ♂	♂ ♂
	°	'	°	'	°	'	°	'	°	'	°
Su	1 12	9 21	56 21	30 21	10 13	57 10	10 27	29 19	21 21	21 21	27 13
M	2 13	10 23	11 22	55 3	14 13	59 10	23 28	8 19	24 21	26 21	5
Tu	3 14	11 24	26 24	22 15	8 14	1 10	35 28	46 19	27 21	24 21	5
W	4 15	11 25	41 25	49 26	58 14	3 10	48 29	25 19	30 21	22 21	5
Th	5 16	12 26	56 27	27 8	46 14	4 11	0 0	8 19	33 21	21 21	4
F	6 17	13 28	11 28	45 20	38 14	6 11	13 0	42 19	36 21	19 21	4
S	7 18	14 29	26 0	15 2	35 14	8 11	26 1	20 19	39 21	17 21	4
Su	8 19	15 0	40 1	46 2	40 14	9 11	39 1	59 19	42 21	16 21	3
M	9 20	15 1	55 3	17 2	54 14	10 11	52 2	37 19	45 21	14 21	3
Tu	10 21	16 3	10 4	49 9	19 14	12 12	2 3	16 19	48 21	12 21	3
W	11 22	17 4	25 6	28 21	57 14	13 12	14 3	54 19	51 21	11 21	2
Th	12 23	17 5	40 7	57 4	47 14	14 12	26 4	33 19	54 21	9 21	2
F	13 24	18 6	55 9	31 17	51 14	15 12	38 5	11 19	57 21	7 21	2
S	14 25	18 8	10 11	7 1	10 14	16 12	50 5	50 20	0 21	6 21	18
Su	15 26	19 9	26 12	44 14	44 14	17 13	2 6	29 20	3 21	4 21	15
M	16 27	20 10	40 14	21 28	34 14	17 13	14 7	7 20	6 21	2 21	12
Tu	17 28	20 11	54 16	0 12	39 14	18 13	25 7	46 20	9 21	1 21	9
W	18 29	21 13	9 17	39 26	58 14	18 13	37 8	24 20	14 20	59 20	6
Th	19 0	21 14	24 19	19 11	29 14	18 13	49 9	2 20	17 20	57 20	2
F	20 1	22 15	39 21	0 26	7 14	19 14	0 9	42 20	20 20	56 20	12
S	21 2	22 16	54 22	42 10	47 14	19 14	11 10	20 20	23 20	54 20	55
Su	22 3	23 18	9 24	25 25	24 14	19 14	23 10	59 20	27 20	52 20	52
M	23 4	23 19	24 26	9 9	50 14	19 14	34 11	38 20	30 20	51 20	49
Tu	24 5	23 20	38 27	54 24	0 14	19 14	45 12	16 20	33 20	49 20	46
W	25 6	24 21	53 29	39 7	48 14	18 14	56 12	55 20	37 20	47 20	43
Th	26 7	24 23	8 1	26 21	14 14	18 15	7 13	34 20	40 20	46 20	40
F	27 8	24 24	23 3	14 4	16 14	17 15	18 14	12 20	43 20	44 20	37
S	28 9	25 25	38 5	3 16	56 14	17 15	29 14	51 20	47 20	43 20	34

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

February, 1925

Full Moon, February 8th, 9:49 P. M., in α 19° 26'

Declination of the Planets

S.T.	Dec.	D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂		
H.M.	°	N	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	N	'
20 45	12	59	1	17	10	21	53	22	27	18	44	22	58	11	8	4	55	14	40		
20 49	15	54	2	16	52	21	43	22	19		44		57	11	23		53		40		
20 53	18	7	4	16	17	21	22	22	1		45		55	11	52		51		41		
20 57	19	33	6	15	41	20	57	21	39		45		53	12	20		49		42		
21 00	20	7	8	15	3	20	31	21	10		46		51	12	48		47		43		
21 04	19	48	10	14	25	20	2	20	37		46		49	13	16		44		44		
			12	13	45	19	30	19	59		46		47	13	44		42		45		
21 08	18	35	14	13	5	18	57	19	14		47	22	45	14	11		39	14	47		
21 12	16	31	16	12	24	18	20	18	25		47		43	14	38		37		48		
21 16	13	41	18	11	42	17	42	17	30		46		41	15	4		34		49		
21 20	10	12	20	11	0	17	2	16	30		46		39	15	30		31		50		
21 24	6	12	22	10	16	16	21	15	23		46		37	15	56		28		51		
21 28	1	53	24	9	32	15	37	14	12		45		34	16	21		26		52		
21 32	2	s 36	26	8	48	14	52	12	55		45		32	16	45		23		53		
			28	8	3	14	4	11	33		44		30	17	9		21		54		

21 36 7 3

21 40 11 13

Latitude of the Planets

21 44	14	52	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
21 48	17	44	°	S	'	°	S	'	°	S	'	°	N	'	°	N	'	°	N	'
21 52	19	34	1	5	15	0	13	0	42	2	24	0	6	0	35	0	44	0	19	
21 56	20	9	2	5	0		16		49		24		6		36		44		20	
22 00	19	22	4	3	52		21	1	3		25		6		38		44		20	
			6	2	5		26		15		25		6		40		44		20	
22 04	17	16	8	0	N 5		30		26		25		6		41		44		20	
22 08	14	4	10	2	17		35		36		26		5		42		44		20	
22 11	10	2	12	4	7		40		45		26		5		44		44		20	
22 15	5	31	14	5	9		44		52		27		5		45		44		20	
22 19	0	49	16	5	6		48		58		27		5		46		44		20	
22 23	3	N 47	18	3	51		52	2	3		28		5		48		44		20	
22 27	8	4	20	1	36		56		6		28		5		49		44		20	
			22	1	s 4	1	0		7		29		4		50		44		20	
22 31	11	53	24	3	24		3		7		29		4		51		44		20	
			26	4	51		6		5		30		4		52		44		20	
			28	5	14		9		1		30		4		53		44		20	

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

March, 1925

New Moon March 24th 2:03 P. M., in ♈ 3° 26'

Longitude of the Planets

Day	☉ ♈	♀ ♍	♂ ♊	♂ ♈	♂ ♎	♂ ♊	♂ ♈	♂ ♋	♂ ♎	♂ ♏
Su	1 10 25	26 53	6 53	29 16	14R16	15 39	15 30	20 50	20R41	12 3
M	2 11 25	28 7	8 44	11II22	14 15	15 50	16 8	20 54	20 40	2
Tu	3 12 25	29 22	10 36	23 17	14 14	16 0	16 47	20 57	20 38	2
W	4 13 25	0♈37	12 29	5 ♄ 6	14 13	16 11	17 26	21 0	20 36	2
Th	5 14 25	1 52	14 23	16 56	14 12	16 21	18 5	21 4	20 35	1
F	6 15 25	3 6	16 17	28 49	14 11	16 31	18 43	21 7	20 33	1
S	7 16 25	4 21	18 13	10♏51	14 10	16 41	19 22	21 11	20 32	1
Su	8 17 25	5 36	20 9	23 4	14 8	16 51	20 1	21 14	20 31	1
M	9 18 25	6 51	22 6	5 ♀32	14 7	17 1	20 39	21 18	20 29	
Tu	10 19 25	8 5	24 4	18 15	14 5	17 10	21 18	21 21	20 28	
W	11 20 25	9 20	26 2	1 ♄14	14 4	17 20	21 57	21 24	20 26	
Th	12 21 25	10 35	28 0	14 29	14 2	17 30	22 35	21 28	20 25	11 5
F	13 22 25	11 49	29 58	27 57	14 0	17 39	23 14	21 31	20 23	5
S	14 23 24	13 4	1 ♀56	11♎37	13 58	17 48	23 52	21 35	20 22	5
Su	15 24 24	14 19	3 55	25 26	13 56	17 57	24 31	21 38	20 21	4
M	16 25 24	15 33	5 50	9 ♄ 24	13 54	18 6	25 10	21 42	20 19	4
Tu	17 26 24	16 48	7 46	23 28	13 51	18 15	25 48	21 45	20 18	4
W	18 27 23	18 3	9 40	7 ♄36	13 49	18 24	26 27	21 48	20 17	3
Th	19 28 23	19 7	11 32	21 48	13 47	18 33	27 16	21 52	20 16	3
F	20 29 23	20 32	13 22	6 ♄ 1	13 44	18 41	27 44	21 55	20 14	3
S	21 0 ♀22	21 47	15 9	20 14	13 42	18 50	28 23	21 59	20 13	11 2
Su	22 1 22	23 1	16 53	4 ♈23	13 39	18 58	29 1	22 2	20 12	2
M	23 2 21	24 16	18 34	18 25	13 36	19 6	29 40	22 5	20 11	2
Tu	24 3 21	25 30	20 10	2 ♀15	13 33	19 14	0II19	22 9	20 10	1
W	25 4 20	26 45	21 42	15 51	13 30	19 22	0 57	22 12	20 8	1
Th	26 5 19	27 59	23 9	29 8	13 27	19 29	1 36	22 16	20 6	1
F	27 6 19	29 14	24 31	12♈ 6	13 24	19 37	2 14	22 19	20 5	
S	28 7 18	0 ♀28	25 47	24 45	13 21	19 45	2 53	22 22	20 4	
Su	29 8 18	1 43	26 58	7 II 6	13 18	19 52	3 31	22 26	20 3	
M	30 9 16	2 57	28 22	19 12	13 14	19 59	4 10	22 29	20 3	10 5
Tu	31 10 16	4 12	29 00	1 ♄ 8	13 11	20 6	4 49	22 32	20 2	10 5

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

March, 1925

Full Moon March 10th, 2:21 P. M., in $\text{mp } 19^{\circ} 31'$

Declination of the Planets

S. T.	Dec.	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
H. M.	° N	'	° S	'	° S	'	° S	'	° S	'	° S	'	° N	'	° S	'	° N	'
22 35 15	4	17	40	13	41	10	49	13	44	22	29	17	21	4	19	14	54	
22 39 17	34	27	17	13	16	10	6	43	28	17	33	18	55					
22 43 19	15	46	31	12	26	8	32	42	25	17	56	15	56					
22 47 20	6	65	45	11	34	6	55	41	23	18	19	12	57					
22 51 20	3	84	58	10	42	5	13	40	21	18	41	9	58					
22 55 19	6	104	12	9	48	3	27	39	18	19	1	7	59					
		12	3	24	8	53	1	37	37	16	19	23	5	15	0			
22 59 17	17	14	2	37	7	57	0	N 14	36	22	14	19	43	2	1			
23 3 14	39	16	1	50	7	0	2	7	34	12	20	3	3	59	2			
23 7 11	18	18	1	2	6	3	3	58	33	10	20	22	56	2				
23 11 7	23	20	0	15	5	5	5	47	31	7	20	41	54	3				
23 15 3	2	22	0	32	4	6	7	32	29	5	20	59	51	4				
23 18 1	31	24	1	20	3	7	9	11	27	3	21	16	48	5				
23 22 6	5	26	2	7	2	8	10	40	25	1	21	32	45	5				
		28	2	54	1	8	11	58	23	21	59	21	48	43	6			
23 26 10	24	30	3	41	0	8	13	6	21	21	57	22	4	40	7			
23 30 14	14																	
23 34 17	18																	
Latitude of the Planets																		
23 38 19	22	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
23 42 20	15	° S	'	° S	'	° S	'	° N	'	° N	'	° N	'	° S	'	° N	'	
23 46 19	51	1	5	3	1	11	1	58	2	31	0	4	0	54	0	44	0	20
23 50 18	11	2	4	38	12	55	31	4	54	44	20							
		4	3	15	15	47	31	3	55	44	20							
23 54 15	22	6	1	20	17	37	32	3	56	44	20							
23 58 11	40	8	0	N 52	19	25	32	3	57	44	20							
0 2 7	20	10	2	58	21	10	33	3	58	44	20							
0 6 2	41	12	4	32	23	0	53	33	3	59	44	20						
0 10 2	N	1	14	5	10	24	34	33	2	1	0	44	20					
0 14 6	31	16	4	38	25	13	34	2	1	44	20							
0 18 10	37	18	2	59	26	N 10	34	2	2	44	20							
		20	0	37	27	34	35	2	2	44	20							
0 22 14	8	22	1	S 53	27	58	35	2	3	44	20							
0 25 16	57	24	3	54	27	1	23	35	1	4	44	20						
0 29 18	57	26	4	58	27	47	36	1	4	44	20							
0 33 20	6	28	4	59	26	2	9	36	1	5	44	20						
		30	4	4	26	29	36	1	6	44	20							

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

April, 1925

New Moon April 23rd, 2:28 A. M., in γ $2^{\circ} 26'$

Longitude of the Planets

Day	☉ ♈	♀ ♉	♊ ♊	♋ ♋	♌ ♌	♍ ♍	♎ ♎	♏ ♏	♐ ♐	♑ ♑	♒ ♒	♓ ♓
W	1 11 15 5	26 29 51	12 58	13 R 8	20 13 5	27 22 35	20 R 1	10 5				
Th	2 12 14 6	41 0 8	36 24	47 13	4 20 20	6 6 22	39 20	1 49				
F	3 13 14 7	55 1 13	6 42	13 0	20 25 6	44 22 42	20 0	46				
S	4 14 13 9	10 1 44	18 46	12 57	20 32 7	23 22 45	19 59	43				
Su	5 15 12 10	24 2 7	1 17	12 53	20 39 8	1 22 49	19 58	40				
M	6 16 11 11	38 2 24	13 42	12 49	20 45 8	40 22 52	19 57	37				
Tu	7 17 10 12	53 2 34	26 40	12 46	20 51 9	18 22 55	19 56	10 34				
W	8 18 9 14	7 2 37	9 58	12 43	20 57 9	56 22 58	19 56	31				
Th	9 19 7 15	21 2 R	34 23	37 12	38 21 3	10 35 23	1 19 55	28				
F	10 20 6 16	36 2 24	7 17	12 33	21 9 11	13 23 4	19 54	24				
S	11 21 5 17	50 2 9	21 39	12 30	21 13 11	52 23 8	19 54	20				
Su	12 22 4 19	4 1 47	5 53	12 26	21 18 12	30 23 11	19 53	16				
M	13 23 3 20	19 1 35	20 10	12 22	21 23 13	9 23 14	19 53	13				
Tu	14 24 1 21	33 1 31	4 26	12 17	21 28 13	47 23 17	19 52	10 10				
W	15 25 0 22	47 1 21	18 37	12 13	21 33 14	25 23 20	19 51	7				
Th	16 25 59 24	1 0 50	2 42	12 9	21 37 15	4 23 23	19 51	4				
F	17 26 58 25	16 29	59 16	12 5	21 42 15	42 23 26	19 51	1				
S	18 27 56 26	30 28	17 0	12 0	21 46 16	20 23 29	19 50	9 58				
Su	19 28 55 27	44 27	35 14	11 56	21 50 16	59 23 32	19 50	55				
M	20 29 53 28	58 26	53 27	11 52	21 53 17	37 23 35	19 49	51				
Tu	21 0 8 52	0 8 12	26 11	11 47	21 57 18	15 23 38	19 49	48				
W	22 1 50	1 27	25 31	11 43	22 0 18	54 23 41	19 49	45				
Th	23 2 49	2 41	24 54	7 8	34 11 38	22 4 19	32 23 43	19 48	42			
F	24 3 47	3 55	24 18	20 19	11 34 22	7 20 10	23 46 19	48	39			
S	25 4 46	5 9	23 47	2 11	29 22 10	20 49 23	49 19 48	36				
Su	26 5 44	6 23	23 18	15 5	11 25 22	12 21 27	23 52 19	48	30			
M	27 6 43	7 37	22 55	27 8	11 20 22	15 22 5	23 54 19	48	30			
Tu	28 7 41	8 51	22 35	9 2	11 16 22	17 22 43	23 57 19	48	27			
W	29 8 39	10 5	22 20	20 51	11 11 22	20 23 22	24 0 19	48	24			
Th	30 9 37	11 19	22 9	2 39	11 7 22	22 24 0	24 2 19	48	20			

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

April, 1925

Full Moon April 9th, 3:38 A. M., in α 18° 47'

Declination of the Planets

S.T.	Dec.	D	☉	♀	♂	♂	♂	♂	♂	♂	♂									
H.M.	°	N	°	N	°	N	°	S	°	S	°	N	°	S	°	N	°			
0	37	20	21	1	4	27	0	52	14	1	13	18	21	55	22	19	3	38	15	7
0	41	19	42	3	5	12	1	52	14	42		16		54		33		35		8
0	45	18	10	5	5	59	2	52	15	10		14		52		46		32		8
0	49	15	47	7	6	44	3	51	15	22		11		50		58		30		9
0	53	12	40	9	7	29	4	51	15	20		9		49	28	10		28		9
0	57	8	54	11	8	14	5	50	15	5		6		47		21		25		10
				13	8	58	6	48	14	33		8		46		32		23		10
1	1	4	37	15	9	41	7	46	13	52		1	21	45		42		20		11
1	5	0	1	17	10	23	8	43	13	0	12	58		43		50		18		11
1	9	4	s	42	19	11	5	9	39	12	3	55		42		59		15		11
1	13	9	16	21	11	47	10	34	11	3		52		41	24	6		13		11
1	17	13	24	23	12	27	11	28	10	2		50		41		18		11		12
1	21	16	48	25	18	6	12	22	9	7		47		40		19		9		12
1	25	19	11	27	18	46	18	14	8	16		44		39		24		6		12
				29	14	23	14	5	7	35		41		39		29		4		12
1	29	20	23	Latitude of the Planets																
1	33	20	16	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂			
1	36	18	53	°	S	°	S	°	N	°	N	°	N	°	N	°	N			
1	40	16	21	1	2	28	1	25	2	46	2	36	0	1	1	6	0	44	0	20
1	44	12	54	3	0	28		23		59		37		0		7		44		20
1	48	8	46	5	1	41		22	3	8		37		0		7		44		20
1	52	4	14	7	3	N	35	20		11		37	s	0		8		44		20
1	56	0	N	9	4	48		18		9		37		0		8		44		20
2	0	5	1	11	4	57		16		1		38		1		9		44		20
2	4	9	18	13	3	54		14	2	46		38		1		9		44		20
2	8	13	5	15	1	54		11		26		38		1		10		44		20
2	12	16	13	17	0	s	32	8		0		38		1		10		44		20
2	16	18	34	19	2	48		5	1	32		38		1		10		44		20
2	20	20	3	21	4	23		2		0		38		2		11		44		20
				23	5	0	0	59	0	25		38		2		11		44		20
2	24	20	37	25	4	36		55	s	9		38		2		11		44		20
2	28	20	16	27	3	22		51		41		38		2		12		44		20
2	32	19	2	29	1	35		47	1	11		38		3		12		44		20

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

May, 1925

New Moon May 22nd, 3:48 P. M., in Π $1^{\circ} 1'$

Longitude of the Planets

Day	☉ ♌	☿ ♍	♀ ♋	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊
F	1 10 36	12 33	22 R 4	14 33	11 R 2	22 23	24 38	24 5	19 D 48	9	1
S	2 11 34	13 47	22 3	26 27	10 58	22 25	25 16	24 8	19 48		1
Su	3 12 32	15 1	22 D 7	8 57	10 53	22 26	25 55	24 10	19 48		1
M	4 13 30	16 15	22 16	21 38	10 49	22 28	26 33	24 13	19 48		
Tu	5 14 28	17 30	22 29	4 43	10 44	22 29	27 11	24 15	19 48		
W	6 15 26	18 44	22 52	18 13	10 40	22 29	27 49	24 18	19 48		
Th	7 16 24	19 58	23 9	2 8	10 35	22 30	28 27	24 20	19 48	8	5
F	8 17 22	21 12	23 36	16 24	10 31	22 31	29 5	24 23	19 49		5
S	9 18 20	22 25	24 9	0 57	10 26	22 31	29 43	24 25	19 49		5
Su	10 19 19	23 39	24 49	15 37	10 22	22 31	0 22	24 27	19 49		4
M	11 20 16	24 53	25 20	0 18	10 17	22 R 31	1 0	24 29	19 49		4
Tu	12 21 14	26 7	26 3	14 54	10 13	22 31	1 38	24 32	19 50		4
W	13 22 12	27 21	26 49	29 19	10 8	22 30	2 16	24 34	19 50		3
Th	14 23 10	28 35	27 39	13 31	10 4	22 30	2 54	24 36	19 51	8	3
F	15 24 8	29 48	28 32	27 28	10 0	22 29	3 32	24 38	19 51		3
S	16 25 5	1 II 2	29 28	11 11	9 55	22 28	4 10	24 41	19 52		2
Su	17 26 3	2 16	0 8	13 24	9 51	22 27	4 48	24 42	19 52		2
M	18 27 1	3 30	0 45	7 57	9 47	22 25	5 26	24 44	19 53		2
Tu	19 27 59	4 44	2 36	21 2	9 43	22 24	6 4	24 46	19 53		2
W	20 28 56	5 57	3 44	3 54	9 39	22 22	6 42	24 48	19 54		1
Th	21 29 54	7 11	4 56	16 34	9 34	22 20	7 20	24 50	19 55	8	1
F	22 0 II	52 8	25 6	10 29	3 30	22 18	7 58	24 52	19 55		
S	23 1 50	9 39	7 26	11 II	20 9	26 22	15 8	36 24	54 19	56	
Su	24 2 47	10 52	8 46	23 27	9 22	22 12	9 14	24 55	19 57		
M	25 3 45	12 6	10 10	5 24	9 18	22 10	9 52	24 57	19 57		
Tu	26 4 42	13 20	11 40	17 14	9 15	22 7	10 30	24 59	19 58	7	5
W	27 5 40	14 34	12 59	29 2	9 11	22 4	11 8	25 0	19 59		5
Th	28 6 38	15 47	14 29	10 49	9 7	22 1	11 46	25 2	20 0		5
F	29 7 35	17 1	16 1	22 42	9 3	21 58	12 24	25 4	20 1		4
S	30 8 33	18 15	17 35	4 57	9 0	21 54	13 2	25 5	20 2		4
Su	31 9 30	19 28	19 12	17 4	8 56	21 50	13 40	25 6	20 3		4

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

May, 1925

Full Moon May 8th, 1:42 P. M., in m $17^{\circ} 26'$

Declination of the Planets

S.T.	Dec.	D	D	☉	♀	♂	♄	♅	♁	♃											
H.M.	°	N	'	°	N	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'
2	36	16	56	1	15	0	14	55	7	4	12	39	21	38	24	32	3	2	15	12	
2	40	14	5	3	15	36	15	43	6	42		36		38		35	0			12	
2	43	10	33	5	16	11	16	30	6	31		33		38		37	2	58		12	
2	47	6	28	7	16	45	17	14	6	29		30		38		39		57		12	
2	51	1	57	9	17	17	17	57	6	37		28		38		40		55		12	
2	55	2	s 48	11	17	49	18	38	6	53		25		38		40		53		11	
				13	18	19	19	18	7	19		23		39		39		51		11	
2	59	7	32	15	18	48	19	55	7	52		20	21	39		38		50		11	
3	3	11	59	17	19	16	20	30	8	31		18		40		35		48		11	
3	7	15	49	19	19	43	21	3	9	16		15		40		32		47		11	
3	11	18	43	21	20	8	21	33	10	7		13		41		28		45		10	
3	15	20	22	23	20	32	22	1	11	4		11		42		24		44		10	
3	19	20	40	25	20	54	22	27	12	3		8		43		19		42		9	
3	23	19	34	27	21	15	22	50	13	7		6		45		13		41		9	
				29	21	34	23	10	14	13		4		46		6		40		8	
3	27	17	16	31	21	53	23	28	15	21	12	2		47	28	58		39		8	
3	31	18	58																		
3	35	9	57																		
3	39	5	31																		
3	43	0	53																		
3	47	3	N 43	1	0	29	0	43	1	39	2	38	0	3	1	12	0	44	0	20	
3	51	8	5	3	2	31		39	2	4		38		3		12		44		20	
				5	4	10		35		25		38		4		13		44		20	
3	54	12	2	7	4	59		31		42		38		4		13		44		20	
3	58	15	23	9	4	38		26		56		38		4		18		45		20	
4	2	18	1	11	3	4		22	3	7		38		4		13		45		20	
4	6	19	49	13	0	45		17		14		38		5		13		45		20	
4	10	20	43	15	1	s 43		12		18		37		5		13		45		20	
4	14	20	41	17	3	42		7		19		37		5		14		45		20	
4	18	19	43	19	4	50		3		17		37		6		14		45		20	
				21	4	58	N 2			13		37		6		14		45		20	
4	22	17	55	23	4	10		7		6		36		6		14		45		20	
4	26	15	19	25	2	37		12	2	56		36		6		14		45		20	
4	30	12	3	27	0	39		17		45		36		7		14		45		20	
4	34	8	11	29	1	N 27		21		31		36		7		14		45		20	
				31	3	21		26		15		35		7		14		45		20	

Latitude of the Planets

				Latitude of the Planets																
				D	D	♀	♂	♄	♅	♁	♂	♂	♂	♂	♂	♂	♂			
				°	N	°	S	°	S	°	N	°	S	°	N	°	S	°	N	
3	35	9	57																	
3	39	5	31																	
3	43	0	53																	
3	47	3	N 43	1	0	29	0	43	1	39	2	38	0	3	1	12	0	44	0	20
3	51	8	5	3	2	31		39	2	4		38		3		12		44		20
				5	4	10		35		25		38		4		13		44		20
					7	4		59		31		42		4		13		44		20
3	54	12	2		9	4		38		26		56		4		18		45		20
3	58	15	23		11	3		4		22	3	7		4		13		45		20
4	2	18	1		13	0		45		17		14		5		13		45		20
4	6	19	49		15	1	S 43		12		18		37		5		13		45	20
4	10	20	43		17	3		42		7		19		5		14		45		20
4	14	20	41		19	4		50		3		17		6		14		45		20
4	18	19	43		21	4		58	N 2		13		37		6		14		45	20
										7		6		6		14		45		20
4	22	17	55		23	4		10		12	2	56		6		14		45		20
4	26	15	19		25	2		37		17		45		7		14		45		20
4	30	12	3		27	0		39		21		31		7		14		45		20
4	34	8	11		29	1	N 27		21		31		36		7		14		45	20
					31	3		21		26		15		7		14		45		20

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

June, 1925

New Moon June 21st, 6:17 A. M., in Π $29^{\circ} 21'$

Longitude of the Planets

Day	☉ Π	☿ Π	♀ δ	♂ μ	♂ μ	♂ μ	♂ μ	♂ μ	♂ μ	♂ μ
M	1 10 28 20 42	20 52	29 44 8	53 21 18	25 8	20 4	7			
Tu	2 11 26 21 56	22 34	12 48 8	49 21 42	14 56	25 9	20 5			
W	3 12 23 23 9	24 18	26 20 8	46 21 38	15 34	25 11	20 6			
Th	4 13 20 24 23	26 5	10 20 8	42 21 34	16 12	25 12	20 7			
F	5 14 18 25 36	27 54	24 46 8	39 21 29	16 50	25 13	20 8			
S	6 15 15 26 50	29 46	9 32 8	36 21 24	17 28	25 14	20 9			
Su	7 16 12 28 3	1 40	24 31 8	33 21 20	18 6	25 15	20 10	7		
M	8 17 10 29 17	3 36	9 33 8	30 21 14	18 44	25 16	20 12			
Tu	9 18 7 0 31	5 34	24 30 8	27 21 9	19 21	25 18	20 13			
W	10 19 4 1 44	7 35	9 15 8	24 21 4	19 59	25 18	20 14			
Th	11 20 2 2 58	9 37	23 41 8	21 20 59	20 37	25 19	20 15			
F	12 20 59 4 11	11 42	7 48 8	18 20 53	21 15	25 20	20 17			
S	13 21 56 5 25	13 48	21 33 8	16 20 47	21 53	25 21	20 18			
Su	14 22 53 6 38	15 56	4 58 8	13 20 41	22 31	25 22	20 19	6		
M	15 23 51 7 52	18 5	18 5 8	11 20 35	23 9	25 23	20 21			
Tu	16 24 48 9 5	20 15	0 55 8	8 20 29	23 47	25 23	20 23			
W	17 25 45 10 19	22 25	13 32 8	6 20 23	24 24	25 24	20 25			
Th	18 26 43 11 32	24 37	25 56 8	4 20 17	25 2	25 25	20 25			
F	19 27 40 12 46	26 58	8 9 8	1 20 10	25 41	25 25	20 26			
S	20 28 37 13 59	29 0	20 14 7	58 20 3	26 18	25 26	20 28			
Su	21 29 35 15 12	1 11	2 11 7	56 19 57	26 56	25 26	20 29	6		
M	22 0 32 16 26	3 22	14 2 7	56 19 50	27 34	25 27	20 31			
Tu	23 1 29 17 39	5 32	25 49 7	54 19 43	28 12	25 27	20 33			
W	24 2 26 18 53	7 41	7 36 7	52 19 36	28 49	25 27	20 34			
Th	25 3 24 20 7	9 49	19 25 7	50 19 29	29 27	25 28	20 36			
F	26 4 21 21 20	11 55	1 19 7	48 19 22	0 5	25 28	20 37			
S	27 5 18 22 33	14 0	13 23 7	47 19 15	0 43	25 28	20 39			
Su	28 6 15 23 46	16 3	25 42 7	46 19 7	1 21	25 28	20 41			
M	29 7 12 25 0	18 5	8 20 7	45 19 0	1 59	25 28	20 43			
Tu	30 8 10 26 13	20 4	21 20 7	43 18 53	2 37	25 28	20 45			

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

June, 1925

Full Moon June 6th, 9:48 P. M., in \uparrow $15^{\circ} 38'$

Declination of the Planets

S.T.	Dec.	D	☉	♀	♂	♂	♂	♂	♂	♂	♂										
H.M.	°	N	'	°	N	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'
4	38	3	53	1	22	1	23	36	15	56	12	1	21	48	23	54	2	38	15	7	7
4	42	0	8 44	2	22	9	23	43	16	30		0		49		50		37		7	7
4	46	5	28	4	22	24	23	55	17	40	11	58		51		41		37		6	6
4	50	10	5	6	22	38	24	4	18	50		57		52		32		36		5	5
4	54	14	16	8	22	50	24	11	19	56		55		54		22		35		5	5
4	58	17	40	10	23	00	24	15	21	0		54		56		11		34		4	4
				12	23	8	24	16	21	59		52		58	22	59		34		3	3
5	1	19	57	14	23	15	24	14	22	51		51	22	0		47		33		2	2
5	5	20	51	16	23	21	24	9	23	35		50		2		34		33		2	2
5	9	20	15	18	23	24	24	1	24	9		49		4		21		32		1	1
5	13	18	16	20	23	26	23	50	24	32		48		7		6		32		0	0
5	17	15	9	22	23	27	23	37	24	45		47		9	21	52		31	14	59	59
5	21	11	13	24	23	25	23	21	24	47		46		11		36		31		58	58
5	25	6	46	26	23	23	23	2	24	38		46		14		20		31		57	57
				28	23	18	22	40	24	18		45		16		8		31		56	56
5	29	2	7	30	23	12	22	16	23	49		45		18	20	46		30		54	54

				Latitude of the Planets																							
				D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂										
				°	N	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'
5	33	2	N 32																								
5	37	6	58																								
5	41	11	1																								
5	45	14	32	1	4	7	0	28	2	6	2	35	0	7	1	14	0	45	0	29	29						
5	49	17	23	2	4	42		31	1	57		35		8		14		45		20	20						
5	53	19	26		4	5	6	35		38		35		8		14		45		20	20						
					6	4	16	40		18		34		8		14		45		20	20						
5	57	20	37		8	2	16	44	0	57		34		9		14		45		20	20						
6	1	20	52		10	0	8 20	49		35		33		9		14		46		20	20						
6	5	20	11		12	2	46	53		13		33		9		14		46		20	20						
6	9	18	37		14	4	27	57	N	9		33		9		14		46		20	20						
6	12	16	15		16	5	9 1	1		30		32		10		14		46		20	20						
6	16	13	12		18	4	50	5		49		32		10		14		46		20	20						
6	20	9	33		20	3	39	8 1		7		31		10		13		46		20	20						
					22	1	51	11		22		31		11		13		46		20	20						
6	24	5	26		24	0	N 15	15		34		30		11		13		46		20	20						
6	28	1	1		26	2	20	18		43		30		11		13		46		20	20						
6	32	3	8 36		28	4	4	20		49		29		12		18		46		20	20						
					30	5	6	23		53		29		12		18		46		20	20						

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

July, 1925

New Moon (Annular Eclipse of Sun)

July 20th, 9:40 P. M., in ϖ $27^{\circ} 37'$

Longitude of the Planets

Day	☉ ♍	♀ ♋	♂ ♌	♂ ♍	♂ ♎	♂ ♏	♂ ♐	♂ ♑	♂ ♒	♂ ♓	♂ ♈	♂ ♉	♂ ♊	♂ ♋	♂ ♌	♂ ♍	♂ ♎	♂ ♏	♂ ♐	♂ ♑	♂ ♒	♂ ♓
W	19	7	27	26	22	24	47	7	R42	18	R45	3	15	25	R28	20	47	6				
Th	210	4	28	40	23	58	18	43	7	42	18	38	3	52	25	28	20	49	5			59
F	311	1	29	53	25	52	3	‡	5	7	40	18	30	4	30	25	28	20	50			56
S	411	58	1	Ω	6	27	44	17	51	7	40	18	23	5	8	25	28	20	51			53
Su	512	55	2	20	28	39	2	♊	54	7	40	18	15	5	46	25	28	20	53			50
M	613	53	3	33	1	Ω	21	18	5	7	39	18	8	6	23	25	27	20	55			47
Tu	714	50	4	46	3	7	3	♋	16	7	38	18	1	7	1	25	27	20	57	5		44
W	815	47	5	59	4	51	18	16	7	38	17	52	7	39	25	27	20	59			41	
Th	916	44	7	12	6	33	2	♈	58	7	38	17	44	8	17	25	27	21	1			37
F	1017	41	8	26	8	12	17	18	7	38	17	37	8	55	25	26	21	3				39
S	1118	39	9	39	9	50	1	♏	13	7	38	17	29	9	33	25	26	21	5			36
Su	1219	36	10	52	11	26	14	42	7	D38	17	21	10	10	25	25	21	6				27
M	1320	33	12	5	12	59	27	48	7	38	17	13	10	48	25	24	21	8				24
Tu	1421	30	13	18	14	31	10	♎	34	7	38	17	6	11	26	25	24	21	10	5		27
W	1522	27	14	31	16	0	23	2	7	38	16	58	12	4	25	23	21	12				18
Th	1623	25	15	45	17	28	5	♏	16	7	39	16	50	12	42	25	22	21	14			15
F	1724	22	16	59	18	53	17	19	7	39	16	43	13	20	25	21	21	16				12
S	1825	19	18	11	20	16	29	14	7	40	16	35	13	58	25	21	21	18				9
Su	1926	16	19	24	21	37	11	♋	4	7	40	16	28	14	35	25	20	21	20			6
M	2027	14	20	37	22	56	22	52	7	41	16	20	15	13	25	19	21	23				2
Tu	2128	11	21	50	24	13	4	♏	39	7	42	16	13	15	51	25	18	21	25	4		59
W	2229	8	23	3	25	27	16	28	7	43	16	5	16	29	25	17	21	27				56
Th	230	Ω	6	24	16	26	39	28	22	7	44	15	58	17	7	25	16	21	29			53
F	241	3	25	29	27	49	10	♏	22	7	45	15	51	17	45	25	15	21	31			50
S	252	0	26	42	28	56	22	33	7	47	15	44	18	23	25	14	21	33				47
Su	262	58	27	55	0	♏	0	4	♋	56	7	48	15	37	19	1	25	13	21	35		44
M	273	55	29	8	1	2	17	36	7	50	15	30	19	39	25	12	21	37				41
Tu	284	52	0	♏	21	2	0	0	♏	35	7	51	15	23	20	16	25	10	21	39		38
W	295	50	1	34	2	56	13	56	7	53	15	16	20	54	25	9	21	42				34
Th	306	47	2	46	8	49	27	42	7	55	15	9	21	32	25	8	21	44				30
F	317	44	3	59	4	40	11	‡	53	7	57	15	3	22	10	25	6	21	46	4		27

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich
July, 1925

Full Moon July 6th, 4:54 A. M., in $\text{vs } 13^{\circ} 36'$

Declination of the Planets

S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂									
H. M.	°	S	°	N	°	N	°	N	°	S	°	N	°	S	°	N				
6	36	8	11	1	23	8	22	3	23	30	11	45	22	20	20	37	2	31	14	54
6	40	12	30	2	23	4	21	50	23	11	45	21	29	31	53					
6	44	16	14	4	22	54	21	20	22	26	45	23	10	31	52					
6	48	19	4	6	22	43	20	49	21	36	45	25	19	51	31	51				
6	52	20	38	8	22	31	20	15	20	39	45	28	31	31	50					
6	56	20	44	10	22	17	19	39	19	40	45	30	12	31	49					
				12	22	1	19	0	18	37	46	32	18	51	32	47				
7	0	19	18	14	21	44	18	20	17	31	46	22	35	30	32	46				
7	4	16	32	16	21	25	17	38	16	24	47	37	9	33	45					
7	8	12	45	18	21	4	16	53	15	15	48	39	17	47	34	44				
7	12	8	19	20	20	43	16	7	14	6	49	41	24	35	42					
7	16	3	33	22	20	20	15	20	12	58	50	43	1	35	41					
7	19	1	N 13	24	19	56	14	31	11	50	51	45	16	38	36	40				
7	23	5	48	26	19	30	13	39	10	43	52	47	14	37	39					
				28	19	2	12	47	9	40	54	49	15	50	38	37				
7	27	10	0	30	18	35	11	53	8	38	56	51	15	25	39	36				

Latitude of the Planets

	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂				
	°	N	°	N	°	N	°	S	°	N	°	S	°	N			
7 39 18 58	1	5	15	1	24	1	53	2	29	0	12	1	13	0	46	0	20
7 43 20 23	2	5	6	25	53	28	12	12	12	46	20						
7 47 20 52	4	3	50	27	51	28	13	12	12	46	20						
7 51 20 27	6	1	30	29	46	27	13	12	12	46	20						
7 55 19 7	8	1	14	31	39	27	13	12	12	47	20						
7 59 16 57	3	10	3	35	32	30	26	13	12	47	20						
3 3 14 3	12	4	58	33	18	26	14	12	12	47	20						
3 7 10 33	14	5	15	34	5	25	14	11	12	47	20						
3 11 6 34	16	4	33	35	0	50	24	14	11	47	20						
3 15 2 16	18	3	4	35	33	24	14	11	12	47	20						
3 19 2 13	20	1	5	35	14	23	15	11	12	47	20						
3 23 6 43	22	1	N 5	34	5	23	15	10	12	47	20						
3 27 11 2	24	3	6	34	26	22	15	10	12	47	20						
3 30 14 54	26	4	36	33	48	22	16	10	12	47	20						
3 34 18 2	28	5	17	32	1	11	21	16	9	47	20						
	30	4	52	30	34	21	16	9	47	20							

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

August, 1925

New Moon August 19th, 1:14 P. M., in Ω $26^{\circ} 1'$

Longitude of the Planets

Day	\odot Ω	\ominus \cap	\uparrow \cap	\uparrow \uparrow	\uparrow \uparrow	\uparrow \uparrow	\uparrow \uparrow	\uparrow \uparrow	\uparrow \uparrow	\uparrow \uparrow	\uparrow \uparrow	\uparrow \uparrow
S	1 8 42 5	12 5	25 26	27 7	58 14	56 22	48 25	R 6	21 48	4	2	2
Su	2 9 39 6	25 6	8 11	20 8	1 14	51 23	26 25	4 21	50		2	2
M	3 10 37 7	38 6	47 26	25 8	3 14	43 24	4 25	2 21	52		1	1
Tu	4 11 34 8	50 7	22 11	34 8	5 14	37 24	42 25	1 21	55		1	1
W	5 12 32 10	3 7	54 26	39 8	7 14	31 25	20 24	59 21	57		1	1
Th	6 13 29 11	16 8	21 11	29 8	10 14	25 25	58 24	57 21	59			
F	7 14 26 12	28 8	43 25	59 8	12 14	20 26	36 24	56 22	1 4			
S	8 15 24 13	41 9	1 10	7 4 8	15 14	14 27	14 24	54 22	3			
Su	9 16 22 14	54 9	14 23	41 8	17 14	8 27	52 24	52 22	6 3		5	5
M	10 17 19 16	6 9	22 6	8 52 8	20 14	3 28	30 24	51 22	8		5	5
Tu	11 18 17 17	19 9	R 25	19 39 8	23 13	58 29	8 24	49 22	10		5	5
W	12 19 14 18	31 9	23 2	II 5 8	26 13	53 29	46 24	47 22	12		4	4
Th	13 20 12 19	44 9	15 14	15 8	29 13	48 0	m 24	24 45	22 15		4	4
F	14 21 9 20	56 9	2 26	13 8	32 13	43 1	2 24	43 22	17 3		4	4
S	15 22 7 22	9 8	43 8	5 4 8	35 13	39 1	40 24	41 22	19		4	4
Su	16 23 5 23	21 8	18 19	51 8	39 13	34 2	18 24	39 22	21		3	3
M	17 24 3 24	34 7	48 1	Ω 38 8	42 13	30 2	56 24	38 22	23		3	3
Tu	18 25 0 25	46 7	14 13	28 8	46 13	26 3	34 24	36 22	26		3	3
W	19 25 58 26	58 6	34 25	23 8	49 13	22 4	13 24	34 22	28		2	2
Th	20 26 56 28	11 5	50 7	m 26 8	53 13	18 4	51 24	32 22	30		2	2
F	21 27 54 29	23 5	3 19	39 8	56 13	14 5	29 24	30 22	32 3		2	2
S	22 28 51 0	= 35 4	12 2	= 2 9	0 13	11 6	7 24	28 22	35		1	1
Su	23 29 49 1	47 3	20 14	37 9	4 13	8 6	45 24	25 22	37		1	1
M	24 0 m 47	3 0 2	26 27	26 9	8 13	5 7	23 24	23 22	39		1	1
Tu	25 1 45	4 12 1	33 10	m 31 9	12 13	2 8	2 24	21 22	41			
W	26 2 43	5 24 0	40 23	52 9	16 12	59 8	40 24	19 22	43			
Th	27 3 41	6 36 29	Ω 50 7	32 9	21 12	57 9	18 24	17 22	45			
F	28 4 39	7 49 29	1 21	31 9	25 12	54 9	56 24	15 22	48 2		5	5
S	29 5 37	9 0 28	20 5	W 48 9	29 12	52 10	34 24	12 22	50		5	5
Su	30 6 35	10 13 27	42 20	22 9	34 12	50 11	13 24	10 22	52		5	5
M	31 7 33	11 24 27	11 5	W 8 9	38 12	48 11	51 24	8 22	54		4	4

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

August, 1925

Full Moon August 4th, 11:59 A. M., in ♋ 11° 34'

Declination of the Planets

S.T.	Dec.	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
H.M.	°	S	'	°	N	'	°	N	'	°	S	'	°	S	'	°	N	'	°	S	'	°	N	'				
8	38	20	7	1	18	6	10	58	7	41	11	57	22	52	15	0	2	40	14	34								
8	42	20	52	3	17	35	10	3	6	49		59		54	14	35		41		33								
8	46	20	8	5	17	3	9	5	6	2	12	1		56		10		43		31								
8	50	17	56	7	16	30	8	7	5	21		3		57	13	43		44		30								
8	54	14	30	9	15	56	7	9	4	49		5		59		17		46		29								
8	58	10	12	11	15	21	6	10	4	25		7	23	0	12	50		47		28								
				13	14	45	5	10	4	12		10		1		23		48		26								
9	2	5	23	15	14	9	4	9	4	10		12		2	11	55		49		25								
9	6	0	26	17	13	31	3	8	4	20		15		3		27		51		23								
9	10	4	N	22	19	12	52	2	7	4	42	17		4	10	59		53		22								
9	14	8		49	21	12	13	1	5	5	18	20		5		31		55		20								
9	18	12		44	23	11	32	0	3	6	4	23		6		2		56		19								
9	22	15		59	25	10	51	1	s	0	6	59	26		7	9	83	58		17								
9	26	18		28	27	10	10	2		1	7	57	29		8		4	3	0	16								
					29	9	27	3		3	8	57	32		8	8	35	2		14								
9	30	20		6	31	8	45	4		5	9	53	35		9		6	3		13								
9	34	20	50	Latitude of the Planets																								
9	37	20	38																									
9	41	19	32	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂					
9	45	17	33		°	N	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'
9	49	14	49	1	3	17	1	28	1	58	2	21	0	16	1	9	0	47	0									
9	53	11	25	3	0	46		26	2	23	20		16		8		47											
				5	1	s	59	24	47	20	17		8		47													
9	57	7	31	7	4	8		22	3	10	19	17		8		48												
10	1	3	15	9	5	11		18		33	19	17		7		48												
10	5	1	s	13	11	5	6	14		54	18	17		7		48												
10	9	5	43	13	4	4		11	4	12	18	18		7		48												
10	13	10		2	15	2	22	7		27	17	18		6		48												
10	17	13		58	17	0	17	3		37	17	18		6		48												
10	21	17		15	19	1	N	52	0	59	42	16	18	5		48												
					21	3	43	54		40	16	18		5		48												
10	25	19		37	23	4	55	49		30	15	18		4		48												
10	29	20		49	25	5	12	44		13	15	19		4		48												
10	33	20		39	27	4	23	38	3	49	14	19		4		48												
10	37	19		3	29	2	30	33		26	13	19		3		48												
					31	0	s	4		27	2	45	13	19		8		48		20								

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

September, 1925

New Moon September 18th, 4:12 A. M., in π $24^{\circ} 45'$

Longitude of the Planets

Day	\odot π	ζ \wedge	δ Ω	γ \sim	η η	ϵ ν	δ π	θ \times	ψ Ω	ω Ω
	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$
Tu	18 31	12 36	26 _R 47	20	2 9	43 12 _B 47	12 29	24 _B 6	22 56	2
W	29 29	13 48	26 30	4 \times 56	9 47	12 46	18 8	24 3	22 59	
Th	3 10	27 15	0 26	22 19	41 9	52 12	44 18	46 24	1 23	1
F	4 11	25 16	12 26 _D 22	4 γ 10	9 57	12 43	14 24	23 59	23 3	
S	5 12	23 17	23 26	30 18	18 10	2 12	42 15	2 23	56 23	5
Su	6 13	22 18	35 26	47 2	8 0	10 7	12 42	15 41	23 54	7
M	7 14	20 19	47 27	14 15	15 10	12 12	41 16	19 23	52 23	9 2
Tu	8 15	18 20	58 27	48 28	5 10	17 12	41 16	58 23	49 23	11
W	9 16	16 22	10 28	31 10 _{II} 33	10 22	12 41	17 36	23 47	23 13	
Th	10 17	15 23	22 29	22 22	43 10	27 12 _D 41	18 14	23 45	23 15	
F	11 18	13 24	33 0 π 21	4 Σ 40	10 32	12 42	18 53	23 42	23 17	
S	12 19	12 25	44 1	26 16	30 10	37 12	42 19	31 23	40 23	20
Su	13 20	10 26	56 2	38 28	17 10	43 12	43 20	10 23	37 23	22
M	14 21	8 28	7 3	57 10 Ω 6	10 48	12 44	20 48	23 35	23 23	2
Tu	15 22	7 29	19 5	20 22	0 10	54 12	45 21	27 23	33 23	25
W	16 23	5 0 η 30	6 49	4 π 4	10 59	12 46	22 5	23 30	23 27	1
Th	17 24	6 1	41 8	22 16	20 11	5 12	48 22	44 23	28 23	28
F	18 25	3 2	52 9	58 28	48 11	11 12	49 23	23 23	25 23	32
S	19 26	1 4	11 38	11 \wedge 29	11 16	12 51	24 1	23 23	23 33	
Su	20 26	59 5	15 13	20 24	24 11	22 12	53 24	40 23	21 23	35
M	21 27	59 6	26 15	5 7 η 31	11 28	12 55	25 18	23 18	23 37	1
Tu	22 28	57 7	37 16	51 20	51 11	34 12	58 25	57 23	16 23	39
W	23 29	56 8	48 18	38 4	22 11	40 13	1 26	36 23	13 23	41
Th	24 0 \wedge 55	9 59	20 26	18 5	11 46	13 3	27 14	23 11	23 43	
F	25 1	54 11	9 22	15 1	58 11	52 13	6 27	53 23	9 23	45
S	26 2	53 12	20 24	5 16	3 11	58 13	9 28	32 23	6 23	47
Su	27 3	51 13	31 25	54 0 \sim 18	12 4	13 13	29 11	23 4	23 48	
M	28 4	50 14	42 27	44 14	42 12	10 18	16 29	49 23	2 23	50 1
Tu	29 5	49 15	52 29	33 29	12 12	16 13	20 0 \wedge 28	23 0	23 52	
W	30 6	48 17	3 1 \wedge 22	18 \times 43	12 23	13 24	1 7	22 57	23 54	

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

September, 1925

Full Moon September 2nd, 7:53 P. M., in κ $9^{\circ} 48'$

Declination of the Planets

S. T.	Dec.	D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂					
H. M.	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'
0 41	16	9	18	23	4	37	10	18	12	37	28	9	7	51	3	4	14	13						
0 44	12	10	28	1	5	7	10	42	39		9	36		5			12							
0 48	7	29	47	17	6	8	11	20	42		10	6		7			11							
0 52	2	28	66	33	7	9	11	46	45		10	6	36		9		9							
0 56	2	N 34	85	47	8	9	11	58	49		10	5		11			8							
1 07	18	10	5	2	9	9	11	54	52		10	5	34		13		6							
		12	4	17	10	8	11	37	56		10	4		14			5							
1 4	11	33	14	3	31	11	6	11	3	18	0	23	10	4	33		16							
1 8	15	8	16	2	45	12	2	10	17		3		10	2		18								
1 12	17	55	18	1	58	12	58	9	18		7		10	3	31		20							
1 16	19	50	20	1	12	13	54	8	10		11		10	0		22								
1 20	20	50	22	0	25	14	47	6	53		15		9	2	29		24	13	59					
1 24	20	54	24	0	S 22	15	39	5	30		19		9	1	57		26		58					
1 28	20	1	26	1	8	16	30	4	3		23		9	26		28		56						
			28	1	55	17	20	2	32		27		8	0	55		29		55					
1 32	18	16	30	2	42	18	8	1	0		31		7	23		31		54						

Latitude of the Planets

Methods of the Tables																			
1	44	8	36	D	D	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
1	48	4	20	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	
1	52	0	S 11	1	1	25	0	24	2	26	2	13	0	19	1	2	0	48	0
1	55	4	46	2	2	39		21		8		13		19		2		48	
				4	4	30		15	1	30		12		19		2		48	
1	59	9	13	6	5	11		9	0	52		12		20		1		48	
2	3	13	17	8	4	44		2		18		11		20		1		48	
2	7	16	45	10	3	25	S 4	N 13		11		11		20		0		48	
2	11	19	20	12	1	33		11		40		10		20		0		48	
2	15	20	49	14	0	N 34		17	1	3		10		20	0	59		48	
2	19	21	1	16	2	36		25		21		10		20		58		48	
2	23	19	52	18	4	12		32		35		9		20		58		48	
				20	5	2		39		44		9		20		57		48	
2	27	17	26	22	4	51		46		49		9		21		57		48	
2	31	13	53	24	3	36		54		51		8		21		56		48	
2	35	9	29	26	1	28	1	1		50		8		21		56		48	
				28	1	S 3		8		46		8		21		55		48	
				30	3	20		15		40		8		21		54		48	

Calculated for Mean Noon at Greenwich

October, 1925

New Moon October 17th, 6:06 P. M., in ~~28~~ $28^{\circ} 51'$

Longitude of the Planets

Day	☉ ♈	♀ ♍	♂ ♎	♄ ♏	♃ ♐	♅ ♑	♆ ♒	♁ ♓	♇ ♔	♈ ♕	♊ ♖	♉ ♗	♋ ♘	♌ ♙	♍ ♚	♎ ♛	♏ ♜	♐ ♞	♑ ♟	♒ ♠	♓ ♡
Th	17	47	18	13	8	10	28	9	12	29	13	28	1	46	22R	55	23	55	1		
F	28	46	19	24	4	58	12	24	12	35	13	32	2	25	22	52	23	57			
S	39	45	20	34	6	46	26	22	12	42	13	37	3	3	22	50	23	59			
Su	4	10	44	21	44	8	82	9	8	59	12	48	13	41	3	42	22	48	24	0	
M	5	11	43	22	54	10	18	23	13	12	55	13	46	4	21	22	46	24	2	0	
Tu	6	12	43	24	5	12	4	6	II	4	13	1	13	51	5	0	22	43	24	4	
W	7	13	42	25	15	13	48	18	33	13	8	13	56	5	39	22	41	24	5	0	
Th	8	14	41	26	25	15	32	0	54	13	14	14	1	6	18	22	39	24	8		
F	9	15	40	27	34	17	15	12	41	13	21	14	7	6	57	22	37	24	10		
S	10	16	40	28	44	18	57	24	31	13	27	14	12	7	36	22	35	24	11		
Su	11	17	39	29	54	20	39	6	5	19	13	34	14	18	8	15	22	33	24	12	
M	12	18	38	1	4	22	20	18	10	18	41	14	24	8	53	22	31	24	13		
Tu	13	19	38	2	13	24	0	0	12	8	18	48	14	30	9	32	22	28	24	14	
W	14	20	37	3	23	25	84	12	19	13	54	14	36	10	12	22	26	24	16	0	
Th	15	21	37	4	32	27	18	24	45	14	1	14	43	10	51	22	24	24	17		
F	16	22	36	5	42	28	56	7	29	14	8	14	50	11	31	22	21	24	18		
S	17	23	36	6	51	0	33	20	30	14	15	14	56	12	10	22	19	24	20		
Su	18	24	36	8	0	2	10	3	1	47	14	22	15	3	12	49	22	18	24	21	
M	19	25	35	9	9	3	46	17	19	14	29	15	10	13	28	22	16	24	22		
Tu	20	26	35	10	18	5	22	1	2	14	36	15	17	14	8	22	14	24	24		
W	21	27	35	11	27	6	57	14	2	54	14	43	15	25	14	47	22	12	24	25	
Th	22	28	34	12	36	8	31	28	52	14	50	15	32	15	26	22	10	24	26		
F	23	29	34	13	44	10	5	12	53	14	57	15	40	16	5	22	8	24	27		
S	24	0	34	14	53	11	38	26	57	15	4	15	48	16	45	22	7	24	28	29	
Su	25	1	34	16	1	18	11	11	2	15	11	15	56	17	24	22	6	24	29		
M	26	2	34	17	9	14	43	25	9	15	18	16	4	18	4	22	4	24	30		
Tu	27	3	33	18	18	16	14	9	16	15	25	16	12	18	43	22	3	24	31		
W	28	4	33	19	26	17	45	23	21	15	32	16	20	19	23	22	1	24	32	29	
Th	29	5	33	20	33	19	16	7	20	15	39	16	29	20	2	22	0	24	33		
F	30	6	33	21	41	20	46	21	11	15	46	16	37	20	41	21	58	24	34		
S	31	7	33	22	49	22	16	4	8	48	15	53	16	46	21	21	57	24	35		

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

October, 1925

Full Moon October 2nd, 5:23 A. M., in γ $8^{\circ} 29'$

Full Moon October 31st, 5:17 P. M., in δ $7^{\circ} 46'$

Declination of the Planets

S. T.	Dec.	D	D	☉	♀	♂	♂	♂	♂	♂	♂				
I. M.	°	S	'	°	S	'	°	N	'	°	S	'	°	N	'
2 39	4	34	13	4	18	32	0	14	13	33	23	7	0	7	3
2 43	0	N	32	2	3	29	18	54	0	S	33	35	7	S	8
2 47	5	30	4	4	15	19	38	2	6	39	6	40	35	52	
2 51	10	4	6	5	1	20	21	3	39	43	5	1	11	37	51
2 55	14	2	8	5	47	21	2	5	10	47	4	43	39	50	
2 59	17	13	10	6	33	21	41	6	39	51	3	2	14	41	49
			12	7	18	22	16	8	7	56	2	46	42	48	
3 2	19	30	14	8	3	22	51	9	33	14	0	1	3	17	43
3 6	20	50	16	8	48	23	23	10	56	4	22	59	48	45	46
3 10	21	12	18	9	32	23	52	12	17	8	58	4	20	46	45
3 14	20	37	20	10	15	24	20	13	35	13	56	51	48	44	
3 18	19	6	22	10	58	24	44	14	50	17	55	5	22	49	44
3 22	16	46	24	11	40	25	6	16	01	21	53	53	51	43	
3 26	13	42	26	12	22	25	26	17	10	25	51	6	23	52	42
			28	13	3	25	43	18	15	29	49	54	53	41	
3 30	9	59	30	13	42	25	57	19	17	34	22	48	7	54	41

Latitude of the Planets

S	T	D	D	♀	♂	♂	♂	♂	♂	♂	♂																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
I	M	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'</

SIMPLIFIED SCIENTIFIC

Calculated for Mean Noon at Greenwich

November, 1925

New Moon November 16th, 6:58 A. M., in η 23° 25'

Longitude of the Planets

Day	☉ ♌	♀ ♊	♂ ♈	♄ ♏	♅ ♐	♆ ♑	♇ ♒	♁ ♓	♃ ♍	♄ ♎
Su	18 33	23 56	23 45	18 10	16 1	16 55	22 1	21R55	24 36	29
M	29 33	25 3	25 14	1 II 13	16 8	17 5	22 40	21 54	24 37	
Tu	3 10 33	26 10	26 41	13 57	16 15	17 13	23 20	21 52	24 38	
W	4 11 34	27 17	28 9	26 23	16 22	17 22	23 59	21 51	24 39	
Th	5 12 34	28 24	29 35	8 ♄ 32	16 29	17 32	24 39	21 50	24 39	
F	6 13 34	29 31	1 ♀ 2	20 30	16 36	17 41	25 19	21 49	24 40	
S	7 14 34	0 ♄ 37	2 28	2 ♏ 20	16 44	17 51	25 58	21 47	24 41	29
Su	8 15 34	1 44	3 53	14 7	16 51	18 0	26 38	21 46	24 42	
M	9 16 35	2 50	5 17	25 58	16 58	18 10	27 18	21 45	24 42	
Tu	10 17 35	3 56	6 41	7 ♄ 57	17 5	18 20	27 58	21 44	24 43	
W	11 18 35	5 1	8 03	20 11	17 12	18 30	28 38	21 43	24 43	
Th	12 19 36	6 7	9 24	2 ♄ 42	17 20	18 41	29 17	21 42	24 44	28
F	13 20 36	7 12	10 35	15 35	17 27	18 51	29 57	21 41	24 44	
S	14 21 37	8 17	12 4	28 50	17 34	19 1	0 ♏ 37	21 40	24 45	28
Su	15 22 37	9 22	13 22	12 ♏ 26	17 41	19 12	1 17	21 40	24 45	
M	16 23 38	10 26	14 39	26 21	17 48	19 22	1 57	21 39	24 46	
Tu	17 24 38	11 31	15 54	10 ♀ 31	17 55	19 33	2 37	21 38	24 46	
W	18 25 39	12 35	17 8	24 50	18 3	19 44	3 17	21 38	24 46	
Th	19 26 39	13 38	18 23	9 ♄ 12	18 10	19 55	3 57	21 37	24 47	
F	20 27 40	14 42	19 31	23 34	18 17	20 6	4 37	21 36	24 47	
S	21 28 40	15 45	20 32	7 ♄ 51	18 24	20 17	5 17	21 36	24 47	28
Su	22 29 41	16 48	21 35	22 1	18 31	20 28	5 57	21 35	24 47	
M	23 0 ♀ 42	17 51	22 34	6 ♄ 3	18 38	20 40	6 37	21 35	24 47	
Tu	24 1 42	18 53	23 29	19 57	18 45	20 51	7 18	21 35	24 47	
W	25 2 43	19 55	24 19	3 ♄ 42	18 52	21 3	7 58	21 34	24 48	
Th	26 3 44	20 57	25 5	17 17	18 59	21 14	8 38	21 34	24 48	
F	27 4 45	21 58	25 44	0 ♄ 41	19 6	21 26	9 18	21 34	24 48	
S	28 5 45	22 59	26 17	13 58	19 13	21 38	9 58	21 34	24 48	28
Su	29 6 46	23 59	26 42	26 53	19 20	21 49	10 38	21 33	24R48	
M	30 7 47	24 59	26 48	9 II 38	19 27	22 1	11 19	21 33	24 47	

November, 1925

Full Moon November 30th, 8:11 A. M., in Π $7^{\circ} 37'$

Declination of the Planets

Latitude of the Planets

[illegible]

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

December, 1925

New Moon December 15th, 7:05 P. M., in \uparrow $23^{\circ} 20'$

Longitude of the Planets

Day	☉ \uparrow	♀ \vee	♂ \uparrow	♂ Π	♂ \cap	♂ \vee	♂ \cap	♂ \times	♂ Ω	♂ Ξ
Tu	18 48	25 59	27 8	22 8	19 34	22 13	12 0	21R33	24R47	27
W	29 49	26 58	27R 7	4 5	25 19	41 22	25 12	40 21	33 24	47
Th	3 10	49 27	56 26	55 16	30 19	48 22	38 18	20 21	D33 24	47
F	4 11	50 28	55 26	32 28	25 19	55 22	50 14	1 21	34 24	47
S	5 12	51 29	52 25	57 10	14 20	2 23	2 14	41 21	34 24	46
Su	6 13	52 0	49 25	13 22	1 20	9 23	15 15	22 21	34 24	46
M	7 14	53 1	46 24	18 3	m51 20	15 23	27 16	2 21	34 24	46 27
Tu	8 15	54 2	43 23	13 15	49 20	22 23	40 16	43 21	35 24	46
W	9 16	55 3	38 22	1 28	0 20	29 23	52 17	23 21	35 24	45
Th	10 17	56 4	33 20	43 10	30 20	36 24	5 18	4 21	36 24	45
F	11 18	57 5	27 19	22 23	23 20	42 24	18 18	45 21	36 24	44
S	12 19	58 6	21 17	59 6	m40 20	49 24	30 19	25 21	37 24	44
Su	13 20	59 7	14 16	40 20	23 20	55 24	43 20	6 21	37 24	43
M	14 22	0 8	7 15	25 4	f31 21	2 24	56 20	47 21	38 24	43 27
Tu	15 23	1 8	59 14	17 19	0 21	8 25	9 21	27 21	39 24	42
W	16 24	2 9	50 13	18 3	v342 21	15 25	22 22	8 21	39 24	41
Th	17 25	3 10	40 12	29 18	31 21	21 25	35 22	49 21	40 24	41
F	18 26	4 11	29 11	50 3	20 21	28 25	48 23	30 21	41 24	40
S	19 27	6 12	17 11	22 18	1 21	34 26	2 24	11 21	42 24	39 26
Su	20 28	7 13	5 11	5 2	x29 21	40 26	15 24	52 21	43 24	39
M	21 29	8 13	52 10	D58 16	41 21	46 26	28 25	33 21	44 24	38 26
Tu	22 0	v9 14	37 11	2 0	r36 21	53 26	42 26	14 21	45 24	37
W	28 1	10 15	22 11	13 14	14 21	59 26	54 26	55 21	46 24	36
Th	24 2	11 16	6 11	34 27	34 22	5 27	7 27	36 21	47 24	35
F	25 3	12 16	48 12	2 10	x39 22	11 27	22 28	17 21	48 24	34
S	26 4	13 17	30 12	27 23	30 22	17 27	36 28	58 21	50 24	34
Su	27 5	15 18	10 13	17 6	II 7	22 27	49 29	39 21	51 24	33
M	28 6	16 18	49 14	4 18	33 22	29 28	1 0	f21 21	52 24	32 26
Tu	29 7	17 19	27 14	55 0	547 22	34 28	16 1	1 21	54 24	31
W	30 8	18 20	3 15	50 12	58 22	40 28	30 1	42 21	55 24	30
Th	31 9	19 20	38 17	51 24	50 22	46 28	44 2	23 21	57 24	29

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

December, 1925

Full Moon December 30th, 2:01 A. M., in φ 7° 55'

Declination of the Planets

S. T.	Dec.	D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂		
H. M.	°	N	'	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	N	'
6 39	20	20		1 21	46		23 45	24 49		15 37	22 1	14 59	4	3		13 37					
6 43	21	27		3 22	4		23 16	24 20		41	21 58	15 24		3		37					
6 47	21	34		5 22	21		22 46	23 44		45		54	49	3		37					
6 51	20	41		7 22	35		22 15	23 1		48		50 16	14	3		37					
6 55	18	54		9 22	48		21 42	22 14		52		45	38	3		37					
6 59	16	19		11 22	59		21 6	21 25		55		41 17	2	2		38					
				13 23	8		20 31	20 37		58		37	25	2		38					
7 3	18	3		15 23	16		19 54	19 57	16	2		32	48	1		39					
7 7	9	14		17 23	21		19 16	19 29		5		28 18	10	1		39					
7 11	5	0		19 23	25		18 37	19 13		8		23	31	0		40					
7 15	0	26		21 23	27		17 58	19 11		11		18	52	3		59					
7 19	4	8		23 23	27		17 18	19 20		14		13 19	12			58					
7 23	8	55		25 23	24		16 37	19 36		17		8	32			57					
7 27	13	17		27 23	21		15 56	19 59		20		3	51			56					
				29 23	15		15 16	20 26		22	20 57	20 10				54					
7 31	17	3		31 23	7		14 35	20 54		25		52 20	28			53					

Latitude of the Planets

Latitude of the Places																				
7	42	21	31	D	D	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂			
7	46	20	6	°	S	'	°	S	'	°	S	'	°	N	'	°	N	'		
7	50	17	20	1	2	54	2	50	1	23	2	4	0	24	0	29	0	46	0	22
7	54	13	31	3	0	53		45	0	55		4		24		28		46		22
					5	1	N	15		39		4		24		27		48		22
7	58	9	1	7	3	10		33	N	18		4		24		26		46		22
8	2	4	7	9	4	35		25		58		4		24		25		48		23
8	6	0	N	52	11	5		17	1	37		5		24		24		48		23
8	10	5	43	13	4	44		7	2	9		5		25		23		46		23
8	14	10	12	15	3	8	1	57		30		5		25		22		46		23
8	18	14	9	17	0	39		46		50		5		25		20		45		23
8	22	17	24	19	1	8	59	34		56		5		25		19		45		23
				21	4	5		21		56		5		25		18		45		23
8	26	19	48	23	5	8		6		49		5		25		17		45		23
8	30	21	14	25	5	4	0	51		39		6		25		16		45		23
8	34	21	40	27	4	0		35		25		6		25		15		45		23
8	38	21	7	29	2	12		17		10		6		26		18		45		23
				31	0	4		2	1	53		6		26		12		45		23

TABLE OF PROPORTIONAL LOGARITHMS

Hours or Degrees

Min.	0	1	2	3	4	5	6	7	8	9	10	11
0	3.1584	1.3802	1.0792	9031	7781	6812	6021	5351	4771	4260	3802	3388
1	3.1584	.3730	.0756	07	63	6798	09	41	62	52	3795	82
2	2.8573	.3660	.0720	8983	45	84	5997	30	53	44	88	75
3	.6812	.3590	.0685	59	28	69	85	20	44	36	80	68
4	.5563	.3522	.0649	8935	10	55	73	10	35	28	73	62
5	2.4594	1.3454	1.0614	8912	7692	6741	5961	5300	4726	4220	3766	3355
6	.3802	.3388	.0580	8888	74	26	49	5289	17	12	59	49
7	.3133	.3323	.0546	65	57	12	37	79	08	04	52	42
8	.2553	.3258	.0511	42	39	6698	25	69	4699	4196	45	36
9	.2041	.3195	.0478	19	22	84	13	59	.90	88	38	29
10	2.1584	1.3133	1.0444	8796	7604	6670	5902	5249	4682	4180	3730	3323
11	.1170	.3071	.0411	73	7587	56	5890	39	73	72	23	16
12	.0792	.3010	.0378	51	70	42	78	29	64	64	16	10
13	.0444	.2950	.0345	28	52	28	66	19	55	56	09	03
14	.0122	.2891	.0313	06	35	14	55	09	46	49	02	3297
15	1.9823	1.2833	1.0280	8683	7518	6600	5843	5199	4638	4141	3695	3291
16	.9542	.2775	.0248	61	01	6587	32	89	29	33	88	84
17	.9279	.2719	.0216	39	7484	73	20	79	20	25	81	78
18	.9031	.2663	.0185	17	67	59	09	69	11	17	74	71
19	.8796	.2607	.0153	8595	51	46	5797	59	03	09	67	65
20	1.8573	1.2553	1.0122	8573	7434	6532	5786	5149	4594	4102	3660	3258
21	.8361	.2499	.0091	52	17	19	74	39	85	4094	53	52
22	.8159	.2445	.0061	30	01	05	63	29	77	86	46	46
23	.7966	.2393	.0030	09	7384	6492	52	20	68	79	39	39
24	.7781	.2341	1.0000	8487	68	78	40	10	59	71	32	33
25	1.7604	1.2289	0.9970	8466	7351	6465	5729	5100	4551	4063	3625	3227
26	.7434	.2239	.9940	45	35	51	18	5090	42	55	18	20
27	.7270	.2188	.9910	24	18	38	06	81	34	48	11	14
28	.7112	.2139	.9881	03	02	25	5695	71	25	40	04	08
29	.6960	.2090	.9852	8382	7286	12	84	61	16	32	3597	01
30	1.6812	1.2041	0.9823	8361	7270	6398	5673	5051	4508	4025	3590	3195
31	.6670	.1993	.9794	41	54	85	62	42	4499	17	83	89
32	.6532	.1946	.9765	21	38	72	51	32	91	10	77	83
33	.6398	.1899	.9737	00	22	59	40	23	82	02	70	76
34	.6269	.1852	.9708	8279	06	46	29	13	74	3995	63	70
35	1.6143	1.1806	0.9680	8259	7190	6333	5618	5003	4466	3987	3556	3164
36	.6021	.1761	.9652	39	74	20	07	4994	57	79	49	57
37	.5902	.1716	.9625	19	59	07	5596	84	49	72	42	51
38	.5786	.1671	.9597	8199	43	6294	85	75	40	64	35	45
39	.5673	.1627	.9570	79	28	82	74	65	32	57	29	39
40	1.5563	1.1584	0.9542	8159	7112	6269	5563	4956	4424	3949	3522	3133
41	.5456	.1540	.9515	40	7097	56	52	47	15	42	15	26
42	.5351	.1498	.9488	20	81	43	41	37	07	34	08	20
43	.5249	.1455	.9462	01	66	31	31	28	4399	27	01	14
44	.5149	.1413	.9435	8081	50	18	20	18	90	19	3495	08
45	1.5051	1.1372	0.9409	8062	7035	6205	5509	4909	4382	3912	3488	3102
46	.4956	.1331	.9383	43	20	6193	5498	00	74	05	81	3096
47	.4863	.1290	.9356	23	05	80	88	4890	65	3897	75	89
48	.4771	.1249	.9330	04	6990	68	77	81	57	90	68	83
49	.4682	.1209	.9305	7985	75	55	66	72	49	82	61	77
50	1.4594	1.1170	0.9279	7966	6960	6143	5456	4863	4341	3875	3455	3071
51	.4508	.1130	.9254	47	45	31	45	53	33	68	48	65
52	.4424	.1091	.9228	29	30	18	35	44	24	60	41	59
53	.4341	.1053	.9203	10	15	06	24	35	16	53	35	53
54	.4260	.1015	.9178	7891	00	6094	14	26	08	46	28	47
55	1.4180	1.0977	0.9153	7873	6885	6081	5403	4817	4300	3838	3421	3041
56	.4102	.0939	.9128	54	71	69	5393	08	4292	31	15	35
57	.4025	.0902	.9104	36	56	57	82	4799	84	24	08	28
58	.3949	.0865	.9079	18	41	45	72	89	76	17	01	22
59	.3875	.0828	.9055	00	27	33	61	80	68	09	3395	16

TABLE OF PROPORTIONAL LOGARITHMS

Hours or Degrees

Min.	12	13	14	15	16	17	18	19	20	21	22	23
0	3010	2663	2341	2041	1761	1498	1249	1015	0792	0580	0378	0185
1	04	57	36	36	56	93	45	11	88	77	75	82
2	2998	52	30	32	52	89	41	07	85	73	71	79
3	92	46	25	27	47	85	37	03	81	70	68	75
4	86	41	20	22	43	81	34	0999	77	66	64	72
5	2980	2635	2315	2017	1738	1476	1229	0996	0774	0563	0361	0169
6	74	29	10	12	34	72	25	92	70	59	58	66
7	68	24	05	08	29	68	21	88	66	56	55	63
8	62	18	00	03	25	64	17	84	63	52	52	60
9	56	13	2295	1998	20	60	13	80	59	49	48	57
10	2950	2607	89	1993	1716	1455	1209	0977	0756	0546	0345	0153
11	45	02	84	89	11	51	05	73	52	42	42	50
12	38	2596	79	84	07	47	01	69	49	39	39	47
13	33	91	74	79	02	43	1197	65	45	35	35	44
14	27	85	69	74	1698	38	93	62	42	32	32	41
15	2921	2580	2264	1969	1694	1434	1189	0958	0738	0529	0329	0138
16	15	75	59	65	89	30	85	54	34	25	26	35
17	09	69	54	60	85	26	82	50	31	22	22	32
18	03	64	49	55	80	22	78	47	27	18	19	29
19	2897	58	44	50	76	17	74	43	24	15	16	25
20	2891	2553	2239	1946	1671	1413	1170	0939	0720	0511	0313	0122
21	85	47	34	41	67	09	66	35	17	08	09	19
22	80	42	29	36	63	05	62	32	13	05	06	16
23	74	36	23	32	58	01	58	28	09	01	03	13
24	68	31	18	27	54	1397	54	24	06	0498	00	10
25	2862	2526	2213	1922	1649	1393	1150	0920	0702	0495	0296	0107
26	56	20	08	17	46	88	46	17	0699	91	92	04
27	50	15	03	13	40	84	42	13	95	88	90	01
28	45	09	2198	08	36	80	38	09	92	85	87	0098
29	39	04	93	03	32	76	34	05	88	81	83	94
30	2833	2499	2188	1899	1627	1372	1130	0902	0685	0478	0280	0091
31	27	93	83	94	23	68	26	0898	81	74	77	88
32	21	88	78	90	19	63	23	94	78	71	74	85
33	16	83	73	85	14	59	19	91	74	68	71	82
34	10	77	68	80	10	55	15	87	70	64	67	79
35	2804	2472	2164	1875	1605	1351	1111	0883	0667	0461	0264	0076
36	2798	67	59	71	01	47	07	80	64	58	61	73
37	93	61	54	66	1597	43	03	76	60	54	58	70
38	87	56	49	62	92	39	1099	72	56	51	55	67
39	81	51	44	57	88	35	95	68	53	48	51	64
40	2775	2445	2139	1852	1584	1331	1092	0865	0649	0444	0248	0061
41	70	40	34	48	79	27	88	61	46	41	45	58
42	64	35	29	43	75	22	84	57	42	37	42	55
43	58	30	24	38	71	18	80	54	39	34	39	52
44	53	24	19	34	66	14	76	50	35	31	35	48
45	2747	2419	2114	1829	1562	1310	1072	0846	0632	0428	0232	0045
46	41	14	09	25	58	06	68	43	29	24	29	42
47	36	09	04	20	53	02	64	39	25	21	26	39
48	30	03	2099	16	49	1298	61	35	21	18	23	36
49	24	2398	2095	11	45	94	57	32	18	14	20	33
50	2719	2393	2090	1806	1540	1290	1053	0828	0614	0411	0216	0030
51	13	88	85	02	36	86	49	24	11	08	13	27
52	07	82	80	1797	32	82	45	21	08	04	10	24
53	02	77	75	93	28	78	41	17	04	01	07	21
54	2696	72	70	88	23	74	37	14	01	0398	04	18
55	2691	2367	2065	1784	1519	1270	1034	0810	0597	0394	0201	0015
56	85	62	61	79	15	66	30	06	94	91	0197	12
57	79	56	50	74	10	61	26	03	90	88	94	09
58	74	51	51	70	06	57	22	0799	87	84	91	06
59	68	46	46	65	02	53	18	95	83	81	88	03

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Also Monthly Position of Pluto

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	Long.	Dec.	Date	Long.	Dec.
January 13	13° 29'	21° N 1'	July 12	14° 23'	21° N 10'
February 12	12° 56'	21° N 6'	August 11	15° 7'	21° N 7'
March 14	12° 37'	21° N 11'	September 10	15° 40'	21° N 5'
April 13	12° 38'	21° N 13'	October 10	15° 56'	21° N 4'
May 31	13° 0'	21° N 14'	November 9	15° 50'	21° N 5'
June 12	13° 38'	21° N 13'	December 9	15° 24'	21° N 9'

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SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich

January, 1926

New Moon January 14th, 6:35 A. M., in ♊ 23° 1'
Longitude of the Planets

Day	☉ ♈	♀ ♋	♂ ♉	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈
	°	'	°	'	°	'	°	'	°	'	°
F	1	10 20	21 12	17 53	6 41	22 51	28 58	3 4	21 57	24 _R 27	26 24
S	2	11 21	21 43	18 58	18 29	22 57	29 11	3 46	21 58	24 26	1 1
Su	3	12 22	22 15	20 5	0 m 17	23 3	29 25	4 27	22 0	24 25	1 1
M	4	13 24	22 45	21 15	12 7	23 8	29 39	5 9	22 1	24 24	1 1
Tu	5	14 25	23 10	22 28	24 5	23 13	29 52	5 50	22 3	24 23	1 1
W	6	15 26	23 36	23 43	6 = 15	23 19	0 ♋ 7	6 32	22 5	24 22	1 1
Th	7	16 27	24 1	24 58	18 40	23 24	0 20	7 11	22 7	24 20	1 1
F	8	17 28	24 22	26 16	1 m 27	23 29	0 35	7 53	22 8	24 19	25 5
S	9	18 30	24 41	27 35	14 37	23 34	0 49	8 36	22 11	24 18	5 5
Su	10	19 31	24 59	28 55	28 15	23 39	1 3	9 18	22 13	24 17	4 4
M	11	20 32	25 15	0 ♊ 16	12 ♏ 20	23 44	1 17	10 0	22 14	24 15	4 4
Tu	12	21 33	25 28	1 39	26 50	23 49	1 31	10 42	22 16	24 14	4 4
W	13	22 34	25 40	3 2	11 ♊ 41	23 54	1 45	11 22	22 18	24 12	3 3
Th	14	23 35	25 48	4 27	26 46	23 59	1 59	12 4	22 20	24 11	3 3
F	15	24 36	25 56	5 52	11 ♋ 56	24 3	2 13	12 45	22 22	24 10	3 3
S	16	25 38	26 0	7 18	27 0	24 8	2 27	13 27	22 24	24 8	2 2
Su	17	26 39	26 3	8 45	11 ♌ 52	24 13	2 42	14 9	22 27	24 7	2 2
M	18	27 40	26 _R 3	10 12	26 24	24 17	2 56	14 51	22 29	24 6	2 2
Tu	19	28 41	26 0	11 40	10 ♏ 32	24 21	3 10	15 32	22 31	24 4	2 2
W	20	29 42	25 54	13 9	24 15	24 26	3 24	16 14	22 33	24 2	1 1
Th	21	0 ♋ 43	25 47	14 38	7 ♏ 35	24 30	3 38	16 56	22 36	24 1	1 1
F	22	1 44	25 37	16 8	20 32	24 34	3 52	17 38	22 38	23 59	1 1
S	23	2 45	25 24	17 39	3 ♏ 11	24 38	4 7	18 20	22 41	23 58	1 1
Su	24	3 46	25 8	19 11	15 33	24 42	4 21	19 1	22 43	23 56	1 1
M	25	4 47	24 51	20 43	27 44	24 46	4 35	19 43	22 46	23 55	1 1
Tu	26	5 48	24 29	22 16	9 ♏ 45	24 50	4 49	20 25	22 48	23 53	1 1
W	27	6 49	24 8	23 48	21 40	24 54	5 3	21 7	22 52	23 52	24 5
Th	28	7 50	23 45	25 23	3 ♏ 31	24 57	5 18	21 49	22 55	23 50	5 5
F	29	8 51	23 17	26 58	15 19	25 1	5 32	22 31	22 58	23 48	5 5
S	30	9 52	22 47	28 34	27 8	25 4	5 46	23 13	23 2	23 47	4 4
Su	31	10 53	22 17	0 ♋ 10	8 m 59	25 8	6 0	23 55	23 5	23 45	4 4

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

January, 1926

Full Moon January 28th, 9:35 P. M., in Ω $8^{\circ} 14'$

Declination of the Planets

S. T.	Dec.	D	☉	♀	♂	♂	♂	♂	♂	♂	♂
H. M.	° N	'	° S	° S	° S	° S	° S	° S	° S	° S	° N
18 41	19 36		1 23	2 14	15 21	8 16	27 20	48 20	36 3	53 13	44 44
18 45	17 16		3 22	52 13	35 21	37 30		45 20	52 51		45 45
18 49	14 12		5 22	40 12	56 22	3 32		35 21	9 50		46 46
18 53	10 34		7 22	26 12	19 22	28 34		31 21	24 48		46 46
18 57	6 30		9 22	10 11	42 22	49 37		25 21	39 47		47 47
19 1 2	7		11 21	52 11	6 23	7 39		19 21	53 44		48 48
			13 21	33 10	33 23	21 41		13 22	6 43		49 49
19 5 2 s	27		15 21	12 10	1 23	31 43		6 22	18 41		50 50
19 9 7	2		17 20	50 9	32 23	36 45		0 22	30 40		51 51
19 13 11	26		19 20	25 9	6 23	37 47	19 54	22 41	38 38		52 52
19 17 15	25		21 20	0 8	42 23	32 49		47 22	51 36		53 53
19 21 18	41		23 19	33 8	22 23	23 50		41 23	0 34		54 54
19 25 20	52		25 19	4 8	6 23	8 52		34 23	8 32		55 55
19 29 21	40		27 18	34 7	53 22	47 53		27 23	16 30		56 56
			29 18	3 7	43 22	22 55		21 23	23 28		57 57
19 33 20	55		31 17	30 7	38 21	50 56		14 23	29 26		58 58
19 37 18	40										
19 41 15	7										
Latitude of the Planets											
D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
° N	° N	° N	° N	° S	° N	° S	° N	° S	° N	° S	° N
19 45 10	40	1 1	2 0	12 1	45 2	6 0	26 0	11 0	45 0	23 23	
19 49 5	41	3 3	1 0	32 1	28 7	26 7		10 45	23 23		
19 52 0	32	5 4	31 0	55 1	11 7	26 7		9 45	23 23		
19 56 4 N	29	7 5	16 1	17 0	53 7	26 7		7 45	23 23		
20 0 9	8	9 5	0 1	42 0	36 7	26 7		6 45	23 23		
20 4 13	15	11 3	38 2	7 0	19 8	26 8		4 44	23 23		
20 8 16	40	13 1	16 2	35 0	4 8	27 8		4 44	23 23		
20 12 19	16	15 1	s30 3	3 0	s12 8	27 8		2 44	23 23		
20 16 20	57	17 3	50 3	31 0	27 8	27 8		1 44	23 23		
20 20 21	39	19 5	7 4	0 0	41 9	27 0 s	2	44 23			
20 24 21	21	21 5	11 4	28 0	54 9	27 9		3 44	23 23		
		23 4	12 4	58 1	6 9	27 9		5 44	23 23		
20 28 20	5	25 2	29 5	27 1	17 10	28 10		6 44	23 23		
20 31 17	57	27 0	22 5	55 1	27 10	28 10		7 44	23 23		
20 35 15	4	29 1	N47 6	22 1	36 10	28 10		8 44	23 23		
20 39 11	34	31 3	38 6	47 1	45 11	28 11		9 44	23 23		

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich

February, 1926

New Moon February 12th, 5:20 P. M., in ♋ 23° 16'
Longitude of the Planets

Day	☉ ♈	♀ ♋	♂ ♌	♂ ♍	♂ ♎	♂ ♏	♂ ♐	♂ ♑	♂ ♒	♂ ♓	♂ ♈
	°	'	°	'	°	'	°	'	°	'	°
M	1	11 54	21 ^R 45	1 45	20 54	25 11	6 14	24 37	23 ^κ 7	23 ^R 44	24
Tu	2	12 54	21 11	3 22	2 56	25 14	6 28	25 20	23 10	23 42	
W	3	13 55	20 37	5 0	15 8	25 17	6 43	26 2	23 12	23 40	
Th	4	14 56	20 16	39 27	34 25	20 6	57 26	44 23	15 23	39	
F	5	15 57	19 25	8 19	10 [♏] 16	25 23	7 11	27 26	23 18	23 37	
S	6	16 58	18 49	10 0	23 19	25 26	7 25	28 8	23 21	23 35	
Su	7	17 59	18 10	11 40	6 45	25 29	7 39	28 51	23 24	23 34	
M	8	18 59	17 33	13 22	20 37	25 31	7 53	29 33	23 27	23 32	
Tu	9	20 0	16 56	15 6	4 [♏] 55	25 34	8 7	0 [♏] 15	23 30	23 30	
W	10	21 1	16 20	16 48	19 37	25 36	8 21	0 58	23 33	23 29	
Th	11	22 2	15 45	18 33	4 [♏] 39	25 39	8 35	1 40	23 36	23 27	
F	12	23 2	15 9	20 18	19 52	25 41	8 49	2 23	23 39	23 25	
S	13	24 3	14 37	22 4	5 [♏] 6	25 43	9 3	3 5	23 42	23 23	
Su	14	25 4	14 16	23 51	20 13	25 45	9 17	3 47	23 45	23 22	
M	15	26 4	13 35	25 39	5 [♏] 1	25 47	9 31	4 30	23 48	23 20	23
Tu	16	27 5	13 7	27 28	19 25	25 49	9 45	5 12	23 51	23 18	
W	17	28 6	12 41	29 17	3 [♏] 21	25 51	9 59	5 55	23 54	23 17	
Th	18	29 6	12 15	1 [♏] 7	16 48	25 52	10 13	6 37	23 57	23 17	
F	19	0 [♏] 6	11 52	2 58	29 48	25 54	10 27	7 20	24 0	23 15	
S	20	1 7	11 34	4 50	12 [♏] 25	25 55	10 40	8 3	24 4	23 13	
Su	21	2 7	11 14	6 42	24 43	25 57	10 54	8 45	24 7	23 12	
M	22	3 8	11 18	35 6	5 [♏] 47	25 58	11 8	9 23	24 11	23 8	
Tu	23	4 8	10 48	10 27	18 41	25 59	11 22	10 10	24 13	23 7	
W	24	5 8	10 38	12 21	0 [♏] 30	26 0	11 35	10 53	24 16	23 5	
Th	25	6 9	10 30	14 14	12 17	26 1	11 49	11 36	24 20	23 3	
F	26	7 9	10 24	16 8	24 5	26 2	12 2	12 19	24 24	23 2	
S	27	8 9	10 21	18 0	5 [♏] 57	26 2	12 16	13 1	24 27	23 1	
Su	28	9 10	10 19	19 52	17 54	26 3	12 29	13 44	24 30	22 59	

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

February, 1926

Full Moon February 27th, 4:51 P. M., in $\text{mg } 8^{\circ} 22'$

Declination of the Planets

S. T.	Dec.	D	D	☉	♀	♂	♂	♂	♂	♂	♂			
H.M.	° N	'		° S	'	° S	'	° S	'	° S	'	° N	'	
20 43	7	36	1	17 14	7	37 21	32	16 57	19 11	23 31	3	25 13	59	
20 47	3	18	3	16 39	7	37 20	53	58	4	23 36		22 14	0	
20 51	1 s	11	5	16 4	7	42 20	7	59	18 57	23 39		20	1	
20 55	5	42	7	15 27	7	49 19	16	17 0	50	23 42		18	3	
20 59	10	4	9	14 49	7	59 18	18	1	43	23 44		15	4	
21 2	14	6	11	14 10	8	12 17	15	1	36	23 45		13	4	
			13	13 31	8	27 16	6	2	29	23 45		10	6	
21 6	17	33	15	12 50	8	44 14	52	3	21	23 45		8	6	
21 10	20	7	17	12 9	9	2 13	31	3	14	23 43		5	8	
21 14	21	31	19	11 26	9	20 12	5	3	7	23 40		3	10	
21 18	21	29	21	10 44	9	38 10	34	4	17 59	23 37		0	10	
21 22	19	56	23	10 0	9	56 8	58	4	52	23 33	2	57	12	
21 26	16	56	25	9 16	10	14 7	17	4	45	23 27		55	12	
21 30	12	45	27	8 31	10	30 5	34	4	38	23 21		52	14	
Latitude of the Planets														
21 34	7	49	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	
21 38	2	30	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	
21 42	2 N	48	° N	'	° N	'	° S	'	° N	'	° S	'	° N	'
21 46	7	47	1 4	20 7	0 1	49 2	11 0	28 0	11 0	44 0	24			
21 50	12	13	3 5	11 7	24 1	55 11	28	12	44	24				
21 54	15	55	5 5	5 7	42 2	0 11	28	14	44	24				
21 58	18	47	7 3	57 7	57 2	3 12	29	16	44	12				
			9 1	51 8	8 2	5 12	29	17	44	24				
22 2	20	42	11 0 s	51 8	16 2	5 13	29	19	44	24				
22 6	21	38	13 3	21 8	21 2	3 13	29	21	44	24				
22 10	21	34	15 4	54 8	21 1	59 13	30	22	43	24				
22 14	20	32	17 5	10 8	18 1	52 14	30	24	43	24				
22 18	18	36	19 4	17 8	13 1	46 14	30	25	43	24				
22 22	15	52	21 2	38 8	5 1	37 14	30	26	43	24				
22 26	12	29	23 0	35 7	54 1	26 14	30	28	43	24				
			25 1 N	32 7	40 1	12 15	31	29	43	24				
22 30	8	34	27 3	23 7	25 0	54 15	31	31	43	24				

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich

March, 1926

New Moon March 14th, 3:20 A. M., in ♋ 22° 48'
Longitude of the Planets

Day	☉ ♈	♀ ♍	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈
M	1 10 10	10 23	21 44	27 58	26 4	12 43	14 27	24 33	22 57	23	
Tu	2 11 10	10 28	23 36	12 11	26 4	12 56	15 10	24 36	22 55		
W	3 12 10	10 33	25 24	24 33	26 4	13 10	15 52	24 40	22 54		
Th	4 13 10	10 43	27 12	7 11	26 4	13 23	16 35	24 43	22 52		
F	5 14 10	10 54	28 57	19 53	26 5	13 36	17 18	24 46	22 51		
S	6 15 10	11 7	0 37	2 55	26 5	13 49	18 1	24 50	22 49	22	
Su	7 16 10	11 22	2 15	16 16	26 5	14 2	18 44	24 53	22 48		
M	8 17 10	11 40	3 49	29 56	26 4	14 15	19 27	24 57	22 46		
Tu	9 18 10	11 59	5 19	13 59	26 4	14 28	20 10	25 1	22 45		
W	10 19 10	12 20	6 44	28 23	26 4	14 41	20 54	25 4	22 43		
Th	11 20 10	12 43	8 3	13 6	26 3	14 54	21 37	25 8	22 42		
F	12 21 10	13 8	9 16	28 5	26 3	15 7	22 19	25 11	22 40		
S	13 22 10	13 34	10 23	13 10	26 2	15 20	23 2	25 14	22 39		
Su	14 23 10	14 3	11 22	28 13	26 1	15 33	23 45	25 17	22 37		
M	15 24 10	14 32	12 15	13 4	26 0	15 45	24 28	25 21	22 36		
Tu	16 25 9	15 3	12 59	27 34	25 59	15 58	25 12	25 24	22 35		
W	17 26 9	15 36	13 34	11 37	25 58	16 10	25 55	25 28	22 33		
Th	18 27 9	16 10	14 2	25 12	25 57	16 23	26 38	25 32	22 32		
F	19 28 9	16 45	14 25	8 18	25 56	16 35	27 21	25 35	22 31		
S	20 29 8	17 22	14 38	20 59	25 55	16 48	28 4	25 38	22 29		
Su	21 0 8	17 59	14 42	3 18	25 53	17 0	28 47	25 42	22 28		
M	22 1 7	18 38	14 39	15 22	25 51	17 12	29 30	25 45	22 27		
Tu	23 2 7	19 17	14 27	27 15	25 49	17 24	0 14	25 48	22 26		
W	24 3 6	19 58	14 9	9 2	25 48	17 36	0 57	25 52	22 25	21	
Th	25 4 6	20 42	13 44	20 50	25 46	17 48	1 40	25 55	22 23		
F	26 5 5	21 25	13 13	2 40	25 44	18 0	2 23	25 59	22 22		
S	27 6 4	22 9	12 36	14 37	25 42	18 12	3 6	26 2	22 21		
Su	28 7 4	22 55	11 53	26 43	25 40	18 24	3 50	26 6	22 20		
M	29 8 3	23 41	11 10	8 59	25 37	18 35	4 33	26 9	22 19		
Tu	30 9 2	24 28	10 22	21 27	25 35	18 37	5 16	26 12	22 18		
W	31 10 1	25 15	9 34	4 5	25 33	18 58	5 59	26 16	22 17		

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

March, 1926

Full Moon March 29th, 10:00 A. M., in $\approx 7^{\circ} 58'$

Declination of the Planets

S. T.	Dec.	D	D	☉	♀	♂	♄	♅	♆	♁	♂	♂	♂							
H. M.	°	N	'	°	S	'	°	S	'	°	S	'	°	S	'	°	N	'		
22 34	4	17	1	7	46	10	46	3	48	17	4	17	30	23	14	2	50	14	15	
22 38	0	s 12	3	7	0	11	0	2	1		4		23	23	7		47		16	
22 42	4	45	5	6	14	11	11	0	26		4		15	22	58		44		17	
22 46	9	10	7	5	28	11	22	1	N 28		3		8	22	48		42		18	
22 50	13	16	9	4	41	11	30	3	6		3		0	22	38		39		19	
22 54	16	49	11	3	54	11	37	4	35		2	16	53	22	26		36		20	
			13	3	7	11	41	5	55		1		46	22	14		33		21	
22 58	19	36	15	2	19	11	44	7	2		1		39	22	1		31		22	
23 2	21	21	17	1	32	11	44	7	54		0		31	21	47		28		22	
23 6	21	49	19	0	45	11	42	8	31		0		24	21	32		25		23	
23 10	20	52	21	0	N 3	11	38	8	50	16	58		17	21	17		22		24	
23 14	18	29	23	0	50	11	31	8	52		57		10	21	1		20		25	
23 18	14	50	25	1	38	11	23	8	37		56		3	20	44		17		26	
23 22	10	11	27	2	25	11	12	8	5		54	15	56	20	26		14		27	
			29	3	12	10	59	7	20		53		49	20	7		12		27	
23 25	4	55	31	3	58	10	43	6	25		52		42	19	48		9		28	
23 29	0	N 34																		
23 34	5	53	Latitude of the Planets																	
			D	D	♀	♂	♄	♅	♆	♁	♂	♂	♂	♂	♂	♂	♂	♂	♂	
			°	N	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'
23 42	14	53	1	4	40	7	9	0	34	2	16	0	31	0	35	0	43	0	24	
23 46	18	9	3	5	8	6	51	0	13		16		31		36		43		24	
23 49	20	26	5	4	37	6	33	0	N 11		16		31		38		43		24	
23 53	21	41	7	3	9	6	15	0	37		17		32		40		43		24	
23 58	21	53	9	0	54	5	56	1	3		17		32		42		43		24	
0 2	21	5	11	1	s 40	5	36	1	31		18		32		44		43		24	
0 6	19	21	13	3	52	5	17	1	57		18		32	0	46		43		24	
0 10	16	48	15	4	59	4	58	2	22		18		32	0	46		43		24	
0 14	13	32	17	4	49	4	38	2	45		19		33		50		43		24	
0 18	9	43	19	3	35	4	20	3	3		19		33		52		43		24	
			21	1	44	4	0	3	18		19		34		54		43		24	
0 22	5	27	23	0	N 22	3	41	3	24		20		34		56		43		24	
0 26	0	55	25	2	22	3	24	3	26		20		34		58		43		24	
0 28	3	s 43	27	3	58	3	6	3	21		20		34	1	0		43		24	
0 32	8	16	29	4	53	2	49	3	10		21		35		2		43		24	
			31	4	54	2	31	2	51		21		35		4		43		24	

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

April, 1926

New Moon April 12th, 0:56 P. M., in γ $21^{\circ} 52'$

Longitude of the Planets

Day	☉ ♈	♀ ♊	♂ ♉	♂ ♈	♂ ♊	♂ ♉	♂ ♈	♂ ♊	♂ ♉	♂ ♈	♂ ♊	♂ ♉
Th	1 11	1 26	3 8	R44	16 55	25R30	19 10	6 43	26 19	22R16	21	
F	2 12	0 26	5 7	56	29 56	25 28	19 21	7 26	26 22	22 15		
S	3 12	59 27	4 7	7	13 † 8	25 25	19 32	8 10	26 26	22 14		
Su	4 13	58 28	3 6	22	26 34	25 22	19 43	8 53	26 29	22 13		
M	5 14	57 29	2 5	37	10V313	25 19	19 54	9 37	26 32	22 12		
Tu	6 15	56 0	† 18	5	0 24	7 25	17 20	5 10	20 26	35 22	11	
W	7 16	55 1	11 4	23	8 ~ 17	25 14	20 16	11 3	26 39	22 10		
Th	8 17	54 2	5 3	55	22 41	25 11	20 27	11 47	26 42	22 10		
F	9 18	53 2	58 3	27	7 × 17	25 7	20 37	12 30	26 45	22 9		
S	10 19	52 3	53 3	6	22 0	25 4	20 48	13 14	26 49	22 8		
Su	11 20	51 4	48 2	51	6 ♀ 43	25 1	20 58	13 57	26 52	22 7		
M	12 21	50 5	43 2	41	21 18	24 58	21 8	14 40	26 55	22 7		
Tu	13 22	49 6	39 2	36	5 8 37	24 54	21 18	15 24	26 58	22 6	20	
W	14 23	47 7	36 2	D37	19 36	24 51	21 28	16 6	27 1	22 5		
Th	15 24	46 8	32 2	43	3 II 9	24 47	21 37	16 50	27 5	22 5		
F	16 25	44 9	30 2	53	16 17	24 43	21 47	17 34	27 8	22 4		
S	17 26	44 10	28 3	8	29 0	24 40	21 56	18 17	27 11	22 4		
Su	18 27	43 11	26 3	31	11 ~ 22	24 36	22 7	19 1	27 14	22 3		
M	19 28	41 12	25 3	54	23 28	24 32	22 16	19 44	27 17	22 3		
Tu	20 29	39 13	24 4	23	5 Ω 23	24 28	22 25	20 28	27 20	22 2		
W	21 0	8 38	14 23	4	56 17	12 24	23 22	34 21	11 27	23 22	2	
Th	22 1	36 15	23 5	35	29 1	24 21	22 43	21 54	27 26	22 1		
F	23 2	35 16	24 6	15	10m55	24 17	22 52	22 38	27 29	22 1		
S	24 3	33 17	24 7	1	22 57	24 13	23 2	23 21	27 32	22 1		
Su	25 4	32 18	25 7	49	5 ~ 11	24 9	23 11	24 5	27 35	22 1		
M	26 5	30 19	26 8	41	17 39	24 4	23 19	24 48	27 38	22 0		
Tu	27 6	28 20	28 9	34	0 m 22	24 0	23 27	25 31	27 41	22 0		
W	28 7	27 21	29 10	33	13 19	23 55	23 35	26 15	27 43	22 0		
Th	29 8	25 22	31 11	33	26 30	23 52	23 43	26 58	27 46	22 0		
F	30 9	23 23	32 12	37	9 † 53	23 48	23 51	27 41	27 49	22 0		

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

April, 1926

Full Moon April 28th, 0:17 A. M., in η 6° 58'

Declination of the Planets

S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂
H. M.	° S'	° N'	° S'	° N'	° S'	° S'	° S'	° S'	° S'	° N'	
0	36 12 32	1 4 21	10 35 5	54 16 52	15 39 19	39 2	8 14 28				
0	40 16 17	3 5 7	10 17 4	51 49	32 19 19	5	29				
0	44 19 17	5 5 53	9 56 3	48 48	25 18 58	2	29				
0	48 21 17	7 6 38	9 34 2	49 46	19 18 36	1	30				
0	52 22 4	9 7 24	9 10 1	57 44	12 18 13	1	57	30			
0	56 21 32	11 8 9	8 43 1	13 43	6 17 51	56	31				
		13 8 52	8 16 0	40 41	0 17 27	52	31				
L	0 19 37	15 9 36	7 46 0	16 39	14 54 17	4	49	32			
L	4 16 26	17 10 18	7 14 0	3 37	49 16 39	47	32				
L	8 12 12	19 11 1	6 41 0	1 35	42 16 14	45	33				
L	12 7 12	21 11 40	6 7 0	7 33	37 15 48	42	33				
L	16 1 48	23 12 22	5 31 0	23 31	31 15 21	40	33				
L	20 3 N 40	25 13 2	4 54 0	47 29	26 14 55	38	33				
L	24 8 50	27 13 41	4 15 1	19 27	21 14 28	36	34				
		29 14 19	3 35 1	57 25	16 14 1	33	34				
L	26 13 25										
L	30 17 11										
Latitude of the Planets											
	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂
	° N'	° N'	° N'	° N'	° S'	° S'	° S'	° S'	° S'	° N'	
L	39 21 37	1 4 33	2 23 2	40 2	21 0	35 1	5 0	43 0	24		
L	43 22 12	3 3 8	2 7 2	13 22	36 7	43	24				
L	47 21 42	5 0 59	1 51 1	42 22	36 9	43	24				
L	51 20 13	7 1 s 28	1 36 1	10 23	36 11	43	24				
		9 3 37	1 21 0	38 23	37 13	43	24				
L	55 17 53	11 4 51	1 7 0	7 23	37 16	43	24				
L	59 14 48	13 4 50	0 53 0	s 24 23	38 18	43	24				
L	3 11 6	15 3 41	0 39 0	51 23	38 20	43	24				
L	7 6 55	17 1 49	0 27 1	17 24	38 22	43	24				
L	11 2 24	19 0 N 18	0 14 1	40 24	39 24	44	24				
L	15 2 s 17	21 2 18	0 4 2	0 24	39 26	44	24				
L	19 6 56	23 3 55	0 s 9 2	15 24	39 29	44	24				
		25 4 52	0 20 2	30 24	40 31	44	24				
L	23 11 28	27 4 56	0 30 2	40 24	40 33	44	24				
L	27 15 30	29 4 0	0 40 2	50 24	41 35	44	24				
L	31 18 48	29 4 0	0 40 2	50 24	41 35	44	24				

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich
May, 1926
New Moon May 11th, 10:55 P. M., in γ $20^{\circ} 29'$
Longitude of the Planets

Day	☉ ♌	♀ ♋	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈
	°	°	°	°	°	°	°	°	°	°	°
S	1 10 21	24 34	13 43	23 26	23 _R 44	24 0	28 25	27 52	22 _R 0	19	
Su	2 11 20	25 37	14 52	7 13	8 23	39 24	8 29	8 27	54 22	0	
M	3 12 18	26 40	16 3	20 59	23 35	24 15	29 51	27 57	22 0		
Tu	4 13 16	27 44	17 15	4 57	23 30	24 22	0 35	28 0	22 0		
W	5 14 14	28 48	18 31	19 3	23 26	24 30	1 18	28 3	22 0		
Th	6 15 12	29 52	19 55	3 15	23 22	24 37	2 1	28 5	22 0		
F	7 16 10	0 56	21 16	17 31	23 18	24 44	2 44	28 8	22 0		
S	8 17 8	2 0	22 38	1 50	23 13	24 51	3 28	28 10	22 0		
Su	9 18 6	3 4	24 2	16 6	23 8	24 58	4 11	28 13	22 0		
M	10 19 4	4 9	25 31	0 8	16 23	3 25	4 54	28 15	22 0		
Tu	11 20 2	5 14	27 0	14 13	22 59	25 10	5 37	28 17	22 0		
W	12 21 0	6 19	28 33	27 53	22 54	25 16	6 20	28 19	22 _D 1		
Th	13 21 58	7 24	0 8	6 11	11 14	22 50	25 23	7 3	28 20	22 1	
F	14 22 56	8 30	1 43	24 13	22 45	25 29	7 46	28 22	22 1		
S	15 23 54	9 34	3 20	6 53	22 41	25 35	8 29	28 24	22 1		
Su	16 24 52	10 41	5 1	19 14	22 36	25 41	9 12	28 27	22 2		
M	17 25 50	11 47	6 43	1 20	22 32	25 47	9 55	28 29	22 2		
Tu	18 26 47	12 52	8 29	13 16	22 27	25 52	10 38	28 31	22 3		
W	19 27 45	13 58	10 15	25 7	22 23	25 56	11 21	28 33	22 3		
Th	20 28 43	15 5	12 4	6 58	22 18	26 1	12 4	28 35	22 4	18	
F	21 29 40	16 11	13 54	18 53	22 13	26 7	12 47	28 38	22 4		
S	22 0 11	38 17	18 15	47 0	22 10	26 12	13 29	28 40	22 5		
Su	23 1 36	18 24	17 40	13 18	22 5	26 16	14 12	28 42	22 6		
M	24 2 33	19 31	19 39	25 54	22 1	26 20	14 55	28 44	22 6		
Tu	25 3 31	20 38	21 38	8 48	21 57	26 24	15 37	28 45	22 7		
W	26 4 29	21 46	23 39	22 1	21 52	26 28	16 20	28 47	22 8		
Th	27 5 26	22 53	25 40	5 32	21 48	26 32	17 3	28 49	22 8		
F	28 6 24	24 0	27 45	19 18	21 44	26 36	17 45	28 51	22 9		
S	29 7 22	25 7	29 50	3 16	21 40	26 39	18 27	28 53	22 10		
Su	30 8 19	26 15	2 11	0 17	21 35	26 42	19 10	28 55	22 11		
M	31 9 16	27 22	4 8	1 36	21 31	26 45	19 52	28 56	22 12		

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

May, 1926

Full Moon May 27th, 11:49 A. M., in $\uparrow 5^{\circ} 26'$

Declination of the Planets

S.T.	Dec.	D	D	☉	♀	♂	♄	♅	♆	♁
H.M.	° S'	'	° N'	° S'	° N'	° S'	° S'	° S'	° S'	° N'
2 35 21	8	1 14 56	2 55 2	43 16 23	14 11 13	33 1	32 14	34		
2 39 22	15	3 15 32	2 12 3	34 21	6 13 5	29	34			
2 43 22	1	5 16 7	1 30 4	31 18	2 12 36	27	34			
2 46 20	25	7 16 41	0 46 5	32 16	13 57 12	7	25	34		
2 50 17	34	9 17 14	0 26 39	14	53 11 37	23	33			
2 54 13	39	11 17 45	0 N 43 7	49 12	49 11 8	21	33			
		13 18 16	1 30 9	3 10	45 10 38	19	33			
2 58 8	56	15 18 45	2 15 10	20 8	42 10 8	18	33			
3 2 3	44	17 19 13	3 2 11	40 5	39 9 37	16	33			
3 6 1	N 40	19 19 40	3 49 13	1 3	36 9 6	14	32			
3 10 6	55	21 20 5	4 36 14	24 1	33 8 36	13	32			
3 14 11	45	23 20 29	5 23 15	47 15	59 30 8	5	12	32		
3 18 15	54	25 20 52	6 10 17	9 57	28 7 33	10	31			
3 22 19	7	27 21 13	6 58 18	29 55	25 7 2	8	31			
		29 21 33	7 45 19	46 53	23 6 31	7	30			
3 26 21	17	31 21 51	8 31 20	58 51	22 5 59	6	30			
3 30 22	19									
3 34 22	13									
3 38 21	4									
3 42 18	59									
3 46 16	6	1 2 10	0 50 2	55 2	24 0 42	1 37 0	44 0	24		
3 50 12	35	3 0 s 13	0 57 2	57 24	42 39	44	24			
		5 2 35	1 6 2	57 24	43 42	44	24			
3 54 8	33	7 4 21	1 14 2	57 24	43 44	44	24			
3 58 4	8	9 5 4	1 21 2	52 24	43 46	44	24			
4 2 0	s 32	11 4 33	1 28 2	46 24	44 48	44	24			
4 6 5	16	13 3 2	1 35 2	36 24	44 50	44	24			
4 10 9	54	15 0 57	1 40 2	25 24	45 52	44	24			
4 14 14	12	17 1 N 13	1 45 2	13 24	45 54	44	24			
4 18 17	52	19 3 8	1 50 1	58 24	46 56	44	24			
		21 4 31	1 54 1	41 24	46 58	44	24			
4 22 20	37	23 5 8	1 58 1	23 23	47 59	44	24			
4 26 22	11	25 4 74	2 1 1	2 23	47 2 2	44	24			
4 30 22	22	27 3 25	2 4 0	42 23	48 4	44	24			
4 33 21	6	29 1 13	2 7 0	21 23	48 7	44	24			
		31 1 s 19	2 9 0	0 23	49 8	44	24			

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

June, 1926

New Moon June 10th, 10:08 A. M., in Π $18^{\circ} 46'$

Longitude of the Planets

Day	\odot Π	\ominus Υ	\sphericalangle Π	♄ ♄	♅ ♅	♆ ♆	♁ ♁	♂ ♂	♂ ♂	Ψ Ω	Ω Σ
	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$
Tu	1 10 14	28 30 6	18 15 50	21r27	26 49	20 35	28 59	22 12	18		
W	2 11 11	29 38 8	29 0 4	21 23	26 52	21 17	29 0	22 13			
Th	3 12 9	0 8 46	10 40 14	16 21 19	26 54	21 59	29 1	22 14			
F	4 13 6	1 54 12	52 28 23	21 15	26 57	22 31	29 3	22 15			
S	5 14 4	3 2 15	4 12 24	21 11	26 59	23 23	29 4	22 16			
Su	6 15 1	4 10 17	16 26 21	7 27	1 24	5 29	5 22	17			
M	7 15 58	5 19 19	28 10 8	0 21 3	27 2 24	47 29	7 22	18			
Tu	8 16 56	6 28 21	39 23 30	20 59	27 4 25	29 29	8 22	20	17		
W	9 17 53	7 36 23	50 6 46	20 56	27 6 26	11 29	9 22	21			
Th	10 18 51	8 44 25	58 19 46	20 52	27 7 26	53 29	11 22	22			
F	11 19 48	9 53 28	4 2 30	20 48	27 8 27	34 29	12 22	23			
S	12 20 45	11 2 0	11 14 59	20 44	27 8 28	15 29	13 22	24			
Su	13 21 43	12 11 2	14 27 20	40 27	9 28	57 29	14 22	25			
M	14 22 40	13 20 4	17 9 17	20 37	27 9 29	38 29	15 22	27			
Tu	15 23 37	14 29 6	18 21 12	20 34	27 10 0	20 29	16 22	28			
W	16 24 35	15 38 8	16 3 3	20 30	27 10 1	1 29	17 22	29			
Th	17 25 32	16 48 10	10 14 54	20 27	27 10 1	42 29	18 22	31			
F	18 26 29	17 57 12	4 26 50	20 24	27 10 2	23 29	19 22	32			
S	19 27 26	19 7 13	55 8 56	20 21	27R 9 3	4 29	20 22	33			
Su	20 28 24	20 16 15	45 21 16	20 18	27 9 3	44 29	21 22	35			
M	21 29 21	21 26 17	32 3 54	20 15	27 7 4	25 29	21 22	36			
Tu	22 0 25	18 22 36	19 16 53	20 12	27 6 5	6 29	22 22	38			
W	23 1 15	23 45 20	59 0 14	20 9	27 5 5	46 29	23 22	39			
Th	24 2 13	24 54 22	41 13 58	20 6	27 3 6	26 29	23 22	41			
F	25 3 10	26 3 24	22 28 3	20 3	27 2 7	7 29	24 22	42			
S	26 4 7	27 13 25	54 12 24	20 1	27 0 7	47 29	24 22	44			
Su	27 5 4	28 23 27	26 26 26	57 19 58	26 58 8	27 29	25 22	45	16		
M	28 6 1	29 33 28	56 11 35	19 56	26 56 9	7 29	25 22	47			
Tu	29 6 59	0 43 0	25 26 13	19 54	26 54 9	47 29	25 22	49			
W	30 7 56	1 54 1	50 10 45	19 52	26 50 10	26 29	26 22	50			

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

June, 1926

Full Moon June 25th, 9:13 P. M., in $\text{W } 3^{\circ} 32'$

Declination of the Planets

S.T.	Dec.	D	☉	♀	♂	♂	♂	♂	♂	♂	♂													
H.M.	°	S	'	°	N	'	°	N	'	°	S	'	°	S	'	°	S	'	°	N	'			
1	37	18	30	1	21	59	8	55	21	32	15	50	13	21	5	44	1	5	14	29				
1	40	14	47	3	22	16	9	41	22	33		48		20	5	12		4		29				
1	44	10	14	5	22	28	10	27	23	26		46		19	4	40		3		28				
1	48	5	10	7	22	42	11	12	24	1		45		18	4	9		2		27				
1	52	0	N 8	9	22	53	11	57	24	41		43		17	3	38		1		26				
1	56	5	22	11	23	3	12	41	25	2		41		17	3	6		0		26				
				13	23	11	13	24	25	12		40		17	2	35	0	59		25				
5	0	10	16	15	23	18	14	6	25	11		38		17	2	4		58		24				
5	4	14	37	17	23	22	14	47	25	1		37		18	1	33		58		23				
5	8	18	9	19	23	25	15	27	24	42		36		18	1	1		57		22				
5	12	20	42	21	23	27	16	6	24	14		34		19	0	31		57		21				
5	16	22	9	23	23	26	16	43	23	40		33		21	0	1		56		20				
5	20	22	28	25	23	25	17	19	23	0		32		23	0	N 29		56		19				
5	24	21	41	27	23	21	17	54	22	15		31		24	1	0		56		18				
				29	23	16	18	27	21	26		30		26	1	30		55		17				
5	28	19	54	Latitude of the Planets																				
5	32	17	16																					
5	36	13	57	D	D		♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂				
5	40	10	5	°	S	'	°	S	'	°	N	'	°	N	'	°	S	'	°	S	'	°	N	'
5	44	5	48	1	2	31	2	9	0	10	2	22	0	49	2	9	0	45	0		24			
5	48	1	15	3	4	23	2	10	0	31		22		49		12		45		24				
5	52	3	S 26	5	5	11	2	11	0	51		22		50		14		45		24				
				7	4	47	2	12	1	9		22		50		15		45		24				
5	56	8	5	9	3	21	2	12	1	25		21		51		17		45		24				
6	0	12	31	11	1	16	2	13	1	36		21		51		19		45		24				
6	4	16	29	13	0	N 59	2	12	1	46		21		52		21		45		24				
6	8	19	40	15	3	0	2	11	1	54		20		52		22		45		24				
6	12	21	46	17	4	29	2	10	1	57		20		53		23		45		24				
6	16	22	30	19	5	13	2	8	1	59		19		53		25		45		24				
6	20	21	44	21	5	1	2	6	1	58		19		54		27		45		24				
				23	3	48	2	3	1	53		19		55		28		45		24				
6	24	19	29	25	1	40	2	1	1	47		18		55		30		45		24				
6	28	15	58	27	0	S 58	1	58	1	36		18		56		33		54		24				
6	31	11	31	29	3	23	1	55	1	24		17		56		35		45		24				

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich

July, 1926

New Moon July 9th, 11:06 P. M., in ϖ $16^{\circ} 56'$

Longitude of the Planets

Day	\odot ϖ	\oplus Π	\otimes Ω	Υ \times	ν η	ζ \sim	δ γ	ϵ \times	ψ Ω	ω ϖ
Th	18 53 3	4 3	14 25	7 19	R50	26R48	11 6	29 26	22 52	16
F	29 50 4	14 4	34 9	γ 16	19 48	26 45	11 45	29 26	22 54	
S	3 10 47	5 25	54 23	10 19	46 26	42 12	24 29	26 22	55	
Su	4 11 45	6 36	7 8	6 8	48 19	44 26	38 13	3 29	26 22	57
M	5 12 42	7 46	8 23	20 10	19 42	26 35	13 43	29 26	22 59	
Tu	6 13 39	8 57	9 33	3 Π 17	19 41	26 31	14 21	29 26	23 1	
W	7 14 36	10 7	10 43	16 10	19 40	26 28	15 0	29 26	23 2	
Th	8 15 34	11 17	11 46	28 49	19 38	26 24	15 38	29 27	23 4	
F	9 16 31	12 28	12 50	11 ϖ 15	19 36	26 20	16 17	29R27	23 6	
S	10 17 28	13 39	13 47	23 31	19 34	26 15	16 55	29 26	23 8	
Su	11 18 25	14 50	14 45	5 Ω 36	19 33	26 11	17 32	29 26	23 10	
M	12 19 22	16 1	15 37	17 34	19 32	26 6	18 12	29 26	23 12	
Tu	13 20 20	17 12	16 28	29 27	19 31	26 2	18 47	29 26	23 14	
W	14 21 17	18 23	17 12	11 η 17	19 30	25 57	19 26	29 26	23 16	
Th	15 22 14	19 34	17 56	23 7	19 29	25 51	20 3	29 25	23 17	
F	16 23 11	20 45	18 33	5 \simeq 3	19 28	25 46	20 40	29 25	23 19	15
S	17 24 9	21 56	19 11	17 7	19 27	25 40	21 17	29 25	23 21	
Su	18 25 6	23 7	19 39	29 25	19 27	25 35	21 54	29 24	23 23	
M	19 26 3	24 18	20 7	12 η 0	19 26	25 30	22 30	29 24	23 25	
Tu	20 27 0	25 29	20 27	24 57	19 26	25 24	23 6	29 22	23 27	
W	21 27 58	26 41	20 47	8 \dagger 18	19 25	25 18	23 43	29 20	23 29	
Th	22 28 55	27 53	21 1	22 5	19 25	25 11	24 18	29 19	23 31	
F	23 29 52	29 4	21 10	6 \simeq 17	19 25	25 5	24 54	29 18	23 33	
S	24 0 Ω 49	0 ϖ 16	21 13	20 52	19 25	24 58	25 29	29 18	23 36	
Su	25 1 47	1 27	21R11	5 \sim 43	19 25	24 51	26 5	29 17	23 38	
M	26 2 44	2 39	21 5	20 45	19 25	24 45	26 39	29 16	23 40	
Tu	27 3 41	3 51	20 53	5 \times 46	19 25	24 38	27 14	29 15	23 42	
W	28 4 39	5 3	20 32	20 40	19D26	24 31	27 50	29 14	23 44	
Th	29 5 36	6 14	20 15	5 γ 19	19 26	24 24	28 23	29 13	23 46	
F	30 6 33	7 26	19 49	19 38	19 26	24 17	28 58	29 12	23 48	
S	31 7 31	8 38	19 19	3 8 35	19 27	24 10	29 31	29 10	23 50	

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich
July, 1926
Full Moon July 25th, 5:13 A. M., in ♋ 1° 31'
Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂
	H. M.	° S'	° N'	° N'	° N'	° S'	° S'	° N'	° S'	° N'	° S'	° N'
1	6	35 6	28	1	23 9	18 58	20 34	15 30	13 29	1 59	0 55	14 17
2	6	39 1	9	3	23 1	19 27	19 40	29	31 2	29	55	15
3	6	43 4	N 7	5	22 50	19 55	18 44	29	34 2	58	55	14
4	6	47 9	6	7	22 39	20 21	17 48	28	37 3	26	55	13
5	6	51 13	33	9	22 24	20 45	16 51	28	41 3	54	56	11
6	6	55 17	16	11	22 11	21 6	15 55	28	44 4	22	56	10
				13	21 55	21 26	15 1	27	48 4	50	56	9
7	6	59 20	4	15	21 37	21 43	14 10	27	52 5	16	57	8
8	7	3 21	50	17	21 18	21 58	13 21	27	56 5	43	58	6
9	7	7 22	30	19	20 57	22 10	12 37	27	14 0	6 9	58	5
0	7	11 22	3	21	20 35	22 20	11 59	27	4 6	35	59	4
1	7	15 20	34	23	20 11	22 28	11 26	28	9 7	0	59	2
2	7	18 18	11	25	19 46	22 34	11 1	29	14 7	25 1	0	1
3	7	22 15	3	27	19 20	22 36	10 44	29	19 7	49	0	0
				29	18 53	22 37	10 36	30	24 8	12	1 13	58
4	7	26 11	20	31	18 24	22 34	10 38	31	29 8	35	2	57

				Latitude of the Planets								
				D	D	♀	♂	♂	♂	♂	♂	♂
				° S'	° S'	° N'	° N'	° S'	° S'	° S'	° N'	° N'
8	7	42 6	27	1	4 55	1 51	1 10	2 17	0 57	2 37	0 46	0 24
9	7	46 10	54	3	5 15	1 47	0 54	16	57	38	46	24
0	7	50 15	0	5	4 24	1 43	0 35	16	58	40	46	24
1	7	54 18	28	7	2 40	1 39	0 15	15	58	41	46	24
2	7	58 21	2	9	0 29	1 35	0 s 6	15	59	42	46	24
3	8	2 22	22	11	1 N 45	1 31	0 30	14	59	43	46	24
4	8	6 22	14	13	3 37	1 25	0 55	14 1	0	46	46	24
5	8	10 20	32	15	4 51	1 20	1 20	13	0	47	46	24
6	8	14 17	24	17	5 17	1 15	1 48	13	1	47	46	24
7	8	18 13	7	19	4 46	1 10	2 16	12	1	48	46	24
				21	3 16	1 4 2	42	12	2	49	46	24
8	8	22 8	3	23	0 56	0 58	3 11	11	2	50	46	24
9	8	26 2	37	25	1 s 45	0 53	3 36	11	3	51	46	24
0	8	29 2	N 50	27	4 0	0 47	4 0	10	3	52	46	24
1	8	33 7	59	29	5 10	0 42	4 20	10	3	53	46	24
				31	5 1	0 36	4 39	9	4	54	46	24

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich

August, 1926

New Moon August 8th, 1:49 P. M., in Ω $15^{\circ} 15'$

Longitude of the Planets

Day	\odot Ω	\oplus ϖ	\otimes Ω	♄ γ	♅ ♁	♁ ♁	♂ γ	♂ ♂	♂ ♂	♂ ♂	♂ ♂
	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$
Su	18	28	9	51	18	R44	17	8	19	D28	24
M	2	9	26	11	3	18	6	0	II	19	19
Tu	3	10	23	12	15	17	25	13	11	19	30
W	4	11	20	13	27	16	41	25	47	19	31
Th	5	12	18	14	40	15	55	8	ϖ	9	19
F	6	13	15	15	52	15	8	20	21	19	34
S	7	14	13	17	4	14	21	2	Ω	24	19
Su	8	15	11	18	17	13	36	14	21	19	36
M	9	16	8	19	29	12	50	26	13	19	38
Tu	10	17	6	20	41	12	10	8	♁	4	19
W	11	18	3	21	54	11	30	19	54	19	41
Th	12	19	1	23	7	10	55	1	♁	46	19
F	13	19	58	24	20	10	25	13	42	19	45
S	14	20	56	25	33	10	1	25	47	19	47
Su	15	21	54	26	45	9	42	8	♁	3	19
M	16	22	51	27	58	9	31	20	35	19	51
Tu	17	23	49	29	11	9	25	3	♂	26	19
W	18	24	47	0	Ω	22	9	D27	16	40	19
Th	19	25	45	1	37	9	37	0	♂	21	19
F	20	26	42	2	50	9	54	14	29	20	0
S	21	27	40	4	2	10	20	29	4	20	3
Su	22	28	38	5	14	10	52	14	♁	1	20
M	23	29	36	6	28	11	32	29	13	20	9
Tu	24	0	♁	34	7	41	12	20	14	♂	30
W	25	1	31	8	55	13	14	29	41	20	15
Th	26	2	29	10	7	14	16	14	♂	37	20
F	27	3	27	11	22	15	22	29	10	20	21
S	28	4	25	12	35	16	37	13	γ	15	20
Su	29	5	23	13	48	17	58	26	52	20	28
M	30	6	21	15	2	19	23	10	II	2	20
Tu	31	7	19	16	15	20	53	22	48	20	34
S	28	4	25	12	35	16	37	13	γ	15	20
Su	29	5	23	13	48	17	58	26	52	20	28
M	30	6	21	15	2	19	23	10	II	2	20
Tu	31	7	19	16	15	20	53	22	48	20	34

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

August, 1926

Full Moon August 23rd., 0:38 P. M., in ♍ 29° 37'

Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂										
	H. M.	° N	'	° N	'	° N	'	° N	'	° S	'	° S	'	° N	'	° S	'	° N	'			
1	8	37	12	37	1	18	9	22	32	10	42	15	31	14	31	8	47	1	3	13	56	
2	8	41	16	32	3	17	39	22	26	10	58		32		36	9	9		4		55	
3	8	45	19	32	5	17	7	22	17	11	22		33		42	9	31		5		53	
4	8	49	21	32	7	16	35	22	6	11	55		35		47	9	52		6		52	
5	8	53	22	27	9	16	1	21	52	12	32		36		52	10	12		8		50	
6	8	57	22	16	11	15	26	21	36	13	14		37		58	10	32		9		49	
					13	14	50	21	17	13	55	39	15	3	10	51			11		48	
7	9	0	21	3	15	14	13	20	56	14	36		40		9	11	10		12		46	
8	9	4	18	53	17	13	36	20	32	15	12		42		14	11	28		13		45	
9	9	8	15	56	19	12	57	20	6	15	43		44		19	11	45		15		43	
0	9	12	12	21	21	12	18	19	38	16	6		46		24	12	2		16		42	
1	9	16	8	17	23	11	37	19	7	16	20		48		29	12	18		18		40	
2	9	20	3	55	25	10	56	18	34	16	23		50		34	12	33		20		39	
3	9	24	0 S	38	27	10	15	17	54	16	14		52		39	12	48		21		37	
					29	9	33	17	22	15	53		54		44	13	3		23		36	
4	9	28	5	12	31	8	50	16	43	15	20		56		49	13	16		25		34	
5	9	32	9	39																		
6	9	36	13	47																		
					Latitude of the Planets																	
7	9	40	17	25	D	D		♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
8	9	44	20	16			° S	'	° S	'	° S	'	° N	'	° S	'	° S	'	° S	'	° N	'
9	9	48	22	4	1	4	31	0	33	4	43	2	9	1	4	2	54	0	47	0	24	
0	9	52	22	23	3	2	52	0	27	4	52		8		4		55		47		24	
					5	0	45	0	21	4	54		8		5		55		47		24	
1	9	56	21	31	7	1 N	27	0	16	4	47		7		5		56		47		24	
2	10	0	18	58	9	3	21	0	10	4	36		7		5		56		47		24	
3	10	4	15	5	11	4	40	0	4	4	16		6		6		56		47		24	
4	10	8	10	10	13	5	11	0 N	1	3	51		6		6		57		47		24	
5	10	12	4	39	15	4	48	0	7	3	20		5		6		57		47		24	
6	10	16	1	N	2	17	3	30	0	12	2	45		5		6		57		47		24
7	10	20	6	31	19	1	23	0	17	2	13		4		7		57		47		24	
					21	1 S	11	0	23	1	37		4		7		57		47		24	
8	10	24	11	29	23	3	33	0	28	1	3		3		7		57		47		24	
9	10	28	15	43	25	4	57	0	33	0	30		3		7		56		47		24	
0	10	32	19	2	27	4	59	0	38	0	1		2		7		56		47		24	
1	10	36	21	18	29	3	50	0	43	0 N	26		2		7		56		47		24	
					31	1	58	0	47	0	50		1		7		55		47		24	

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich

September, 1926

New Moon September 7th, 5:45 A. M., in π $13^{\circ} 51'$

Longitude of the Planets

Day	☉ π	♀ Ω	♂ Ω	♂ Σ	♂ π	♂ Σ	♂ Σ	♂ Σ	♂ Σ	♂ Σ	♂ Σ	♂ Σ
W	1 8 17	17 29	22 29	5 15	20 38	20R 7	14 21	28R 14	25 1	13 27		
Th	2 9 15	18 43	24 7	17 28	20 42	20 0	14 40	28 12	25 3	24		
F	3 10 13	19 56	25 50	29 29	20 45	19 53	15 1	28 10	25 5	21		
S	4 11 12	21 10	27 36	11 Ω 24	20 49	19 46	15 21	28 7	25 7	18		
Su	5 12 10	22 23	29 22	23 16	20 53	19 39	15 39	28 4	25 9	15		
M	6 13 8	23 36	1 π 12	5 π 5	20 57	19 32	15 56	28 2	25 12	12		
Tu	7 14 6	24 50	3 3	16 56	21 0	19 26	16 13	27 59	25 14	9		
W	8 15 5	26 5	4 56	28 49	21 4	19 19	16 30	27 57	25 16	6		
Th	9 16 3	27 19	6 50	10 Σ 46	21 9	19 13	16 46	27 55	25 18	3		
F	10 17 1	28 32	8 44	22 48	21 14	19 7	17 1	27 53	25 20	0		
S	11 17 59	29 46	10 38	4 π 57	21 18	19 1	17 16	27 51	25 22	12 57		
Su	12 18 58	1 π 0	12 33	17 16	21 23	18 55	17 31	27 48	25 24	53		
M	13 19 56	2 14	14 28	29 49	21 27	18 50	17 43	27 46	25 26	50		
Tu	14 20 55	3 28	16 21	12 \dagger 37	21 32	18 44	17 55	27 43	25 28	47		
W	15 21 53	4 43	18 15	25 45	21 36	18 39	18 8	27 41	25 30	44		
Th	16 22 52	5 57	20 7	9 Σ 17	21 41	18 34	18 18	27 39	25 33	40		
F	17 23 50	7 11	22 0	23 14	21 45	18 29	18 28	27 36	25 35	37		
S	18 24 49	8 25	23 51	7 Σ 37	21 50	18 24	18 37	27 34	25 37	33		
Su	19 25 47	9 39	25 42	22 25	21 55	18 19	18 46	27 32	25 39	30		
M	20 26 46	10 53	27 31	7 Σ 31	22 0	18 14	18 55	27 29	25 41	27		
Tu	21 27 45	12 8	29 20	22 47	22 5	18 10	19 1	27 27	25 43	24		
W	22 28 43	13 23	1 Σ 8	8 γ 2	22 10	18 6	19 8	27 24	25 44	21		
Th	23 29 42	14 37	2 55	23 5	22 16	18 2	19 13	27 22	25 46	18		
F	24 0 Σ 41	15 52	4 41	7 Σ 47	22 21	17 59	19 17	27 19	25 48	15		
S	25 1 50	17 6	6 26	22 1	22 27	17 56	19 21	27 17	25 50	12		
Su	26 2 38	18 21	8 9	5 Π 45	22 32	17 51	19 23	27 14	25 52	9		
M	27 3 37	19 35	9 53	19 0	22 37	17 47	19 25	27 12	25 54	6		
Tu	28 4 36	20 50	11 34	1 Σ 48	22 42	17 43	19 26	27 9	25 56	3		
W	29 5 35	22 4	13 16	14 14	22 48	17 40	19 27	27 7	25 58	0		
Th	30 6 34	23 19	14 56	26 24	22 54	17 37	19 27	27 4	25 59	11 56		

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

September, 1926

Full Moon September 21st, 8:19 P. M., in \times 28° 4

Declination of the Planets

D	S.T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂										
H.M.	°	N	'	°	N	'	°	N	'	°	S	'	°	N	'							
1	10 40	22	27	18	28	16	23	14	59	15	57	15	51	13	22	1	26	13	34			
2	10 44	22	31	3	7	44	15	41	14	9	16	0	56	13	35		27		32			
3	10 48	21	30	5	7	0	14	59	13	7		2	16	0	13	46	29		31			
4	10 52	19	32	7	6	16	14	12	11	57		5		4	13	57	31		29			
5	10 56	16	45	9	5	30	13	25	10	39		7		8	14	8	33		28			
6	11 0	13	16	11	4	45	12	37	9	15		10		12	14	17	35		27			
					13	4	0	11	47	7	47		12		15	14	26	37		25		
7	11 4	9	17	15	3	13	10	56	6	15		15		19	14	34	39		24			
8	11 8	4	56	17	2	27	10	4	4	41		18		22	14	42	41		23			
9	11 12	0	23	19	1	41	9	10	3	7		21		25	14	49	42		21			
10	11 16	4	14	21	0	54	8	15	1	32		24		27	14	56	44		20			
11	11 20	8	43	23	0	7	7	20	0	s 3		27		30	15	1	46		19			
12	11 24	12	56	25	0	s 39	5	24	1	37		30		32	15	6	48		17			
13	11 28	16	40	27	1	26	5	26	3	9		33		34	15	10	50		16			
				29	2	13	4	28	4	41		36		36	15	14	52		15			
14	11 32	19	43	Latitude of the Planets																		
15	11 35	21	49																			
D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂			
°	S	'	°	N	'	°	N	'	°	S	'	°	S	'	°	S	'	°	N	'		
17	11 43	22	16		°	S	'	°	N	'	°	N	'	°	S	'	°	S	'	°	N	'
18	11 47	20	21	1	0	53	0	49	1	0	2	1	1	7	2	54	0	47	0	24		
19	11 51	17	2	3	1	N 16	0	53	1	17		1		8		54		47		24		
20	11 54	12	32	5	3		9	0	57	1	30		0	8		53		47		24		
				7	4	29	1		1	40		0		8		52		47		24		
21	11 58	7	11	9	5		3	1	4	45	1	59		8		51		47		24		
22	12 2	1	24	11	4	43	1	7	1	48		58		7		49		47		24		
23	12 6	4	N 23	13	3	31	1	10	1	47		58		7		48		47		25		
24	12 10	9	48	15	1	34	1	13	1	44		58		7		46		47		25		
25	12 14	14	30	17	0	S 50	1	16	1	39		58		7		44		47		25		
26	12 18	18	17	19	3	10	1	19	1	31		57		7		42		47		25		
27	12 22	20	58	21	4	42	1	21	1	22		57		7		40		47		25		
				23	4	57	1	22	1	12		57		7		37		47		25		
28	12 26	22	29	25	3	54	1	24	1	1		56		7		35		47		25		
29	12 30	22	50	27	2		2	25	0	50		56		7		32		47		25		
30	12 34	22	4	29	0	N 9	1	26	0	36		55		6		28		47		25		

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich

October, 1926

New Moon October 6th, 10:13 P. M., in α 12° 54'
Longitude of the Planets

Day	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
	☉	♊	♈	♏	♍	♋	♎	♏	♏	♏	♏
	°	'	°	'	°	'	°	'	°	'	°
F	17 33	24 33	16 36	8 23	23 0	17 35	19 25	27 2	26 1	11 5	
S	28 32	25 48	18 14	20 14	23 5	17 32	19 23	27 0	26 3	50	
Su	39 31	27 2	19 52	2 4	23 11	17 30	19 20	26 58	26 5	4	
M	410 30	28 17	21 29	13 54	23 17	17 28	19 15	26 56	26 7	4	
Tu	511 30	29 33	23 6	25 47	23 23	17 26	19 9	26 53	26 8	4	
W	612 29	0 47	24 40	7 46	23 29	17 23	19 4	26 51	26 10	3	
Th	713 28	2 26	15 19	51 23	35 17	22 18	56 26	49 26	12 26	3	
F	814 27	3 17	27 48	2 3	41 23	21 17	48 18	46 26	13 26	3	
S	915 26	4 32	29 22	14 24	47 23	20 17	40 18	44 26	15 26	2	
Su	1016 26	5 47	0 53	26 54	53 23	20 17	30 18	42 26	16 26	2	
M	1117 25	7 2	25 9	35 24	0 17	19 18	20 26	40 26	18 26	1	
Tu	1218 25	8 17	3 56	22 29	5 17	19 18	10 26	37 26	20 26	1	
W	1319 24	9 32	5 27	5 38	11 17	18 17	56 17	35 26	21 26	1	
Th	1420 23	10 47	6 56	19 5	17 17	18 17	44 17	33 26	23 26	9	
F	1521 23	12 2	8 25	2 53	24 17	18 17	30 17	31 26	24 26	6	
S	1622 22	13 17	9 52	17 2	30 17	19 17	15 17	29 26	25 26	3	
Su	1723 22	14 32	11 20	1 32	37 17	20 17	0 26	27 26	27 26	0	
M	1824 21	15 47	12 46	16 19	43 17	20 16	45 26	25 26	28 26	10	57
Tu	1925 21	17 2	14 12	1 18	50 17	21 16	28 26	23 26	30 26	5	54
W	2026 21	18 17	15 36	16 19	56 17	22 16	11 26	21 26	31 26	5	51
Th	2127 20	19 32	17 0	1 8	13 25	2 17	25 15	44 26	19 26	4	48
F	2228 20	20 47	18 23	15 51	25 9	17 25	15 35	26 17	26 34	4	45
S	2329 20	22 2	19 47	0 11	6 25	17 27	15 17	26 15	26 35	4	42
Su	240 19	23 17	21 7	13 53	25 22	17 29	14 58	26 13	26 36	3	38
M	251 19	24 33	22 28	27 12	25 29	17 31	14 38	26 11	26 37	3	35
Tu	262 19	25 48	23 46	10 5	25 36	17 34	14 18	26 9	26 38	3	32
W	273 19	27 3	25 4	22 35	25 43	17 36	13 58	26 7	26 40	2	29
Th	284 19	28 18	26 22	4 48	25 50	17 39	13 38	26 5	26 41	2	26
F	295 19	29 33	27 37	16 47	25 58	17 41	13 17	26 3	26 42	2	23
S	306 19	0 48	28 50	28 40	26 4	17 44	12 57	26 2	26 43	2	20
Su	317 19	2 4	0 3	10 29	26 11	17 48	12 34	26 1	26 44	1	17

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich
October, 1926
Full Moon October 21st, 5:15 A. M., in ♎ 27° 3'
Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
	H. M.	° N	'	° S	' N	° S	' S	° S	' N	° S	' N	° S	' N	° S	' N	° S	' N	° S	' N	
1	12 38	20	18	13	03	30	6	10	16	39	16	37	15	17	1	54	13	14		
2	12 42	17	40	33	46	2	31	7	37	43	38	15	19		56		18			
3	12 46	14	19	54	33	1	32	9	3	46	39	15	20		58		12			
4	12 50	10	24	75	19	0	32	10	25	49	40	15	21		59		11			
5	12 54	6	5	96	5	0	s 28	11	46	52	41	15	20	2	0		10			
6	12 58	1	30	116	50	1	27	13	3	56	41	15	20		3		8			
				137	36	2	27	14	17	59	41	15	18		5		8			
7	13 1	3	s 11	158	20	3	27	15	29	17	2	41	15	16		6		6		
8	13 5	7	48	179	5	4	26	16	37	6		40	15	13		8		6		
9	13 9	12	10	199	48	5	26	17	42	9		40	15	10		9		5		
0	13 12	16	4	2110	32	6	24	18	43	12		39	15	6		11		4		
1	13 16	19	19	2311	14	7	22	19	40	16		37	15	1		12		3		
2	13 20	21	39	2511	55	8	20	20	33	19		36	14	56		14		2		
3	13 24	22	52	2712	37	9	17	21	22	23		34	14	51		15		2		
				2913	18	10	13	22	6	26		32	14	45		16		1		
4	13 28	22	49	3113	57	11	8	22	45	29		30	14	39		18		0		
5	13 32	21	22																	
6	13 36	18	35	Latitude of the Planets																
7	13 40	14	35	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
8	13 44	9	37	° N	' N	° N	' N	° N	' S	° S	' S	° S	' N							
9	13 48	4	2	1	2	12	1	27	0	24	1	55	1	6	2	24	0	47	0	25
0	13 52	1	N 48	3	3	49	1	28	0	10		55		6		21		47		25
				5	4	48	1	28	0	s 4		55		6		17		47		25
1	13 56	7	30	7	4	56	1	28	0	18		54		6		13		47		25
2	14 0	12	41	9	4	11	1	27	0	32		54		5		08		47		25
3	14 4	17	2	11	2	37	1	27	0	46		54		5		3		47		25
4	14 8	20	17	13	0	27	1	26	1	0		53		5	1	58		47		25
5	14 12	22	20	15	1	s 54	1	25	1	14		53		5		53		47		25
6	14 16	23	6	17	3	54	1	24	1	27		53		5		47		47		25
7	14 20	22	41	19	4	57	1	22	1	39		53		4		42		47		25
				21	4	41	1	20	1	51		52		4		35		47		25
8	14 24	21	10	23	3	13	1	18	2	4		52		4		29		47		25
9	14 28	18	44	25	1	6	1	16	2	14		52		4		23		47		25
0	14 32	15	32	27	1	N 9	1	13	2	24		52		3		16		47		25
1	14 36	11	44	29	3	4	1	10	2	33		52		3		9		47		25
				31	4	26	1	07	2	40		51		3		2		47		25

Calculated for Mean Noon at Greenwich

November, 1926

New Moon November 5th, 2:34 P. M., in η $12^{\circ} 26'$

Longitude of the Planets

Day	☉ ♈	♀ ♉	♂ ♊	♂ ♋	♂ ♌	♂ ♍	♂ ♎	♂ ♏	♂ ♐	♂ ♑	♂ ♒	♂ ♓	♂ ♈	♂ ♉	♂ ♊	♂ ♋	♂ ♌	♂ ♍	♂ ♎	♂ ♏	♂ ♐	♂ ♑	♂ ♒	♂ ♓	
M	18	19	3	18	1	15	22	21	26	17	17	52	12	R13	25	R59	26	45	10	1					
Tu	29	19	4	33	2	21	4	≡	18	26	24	17	56	11	52	25	58	26	46						
W	3	10	19	5	49	3	27	16	24	26	31	18	0	11	31	25	56	26	47						
Th	4	11	19	7	5	4	29	28	39	26	38	18	4	11	10	25	54	26	48						
F	5	12	19	8	20	5	31	11	m	5	26	46	18	8	10	49	25	52	26	49					
S	6	13	20	9	35	6	26	23	42	26	52	18	12	10	30	25	50	26	49	9	5				
Su	7	14	20	10	50	7	22	6	‡	30	27	0	18	17	10	8	25	49	26	50					
M	8	15	20	12	5	8	9	19	29	27	7	18	22	9	47	25	48	26	51						
Tu	9	16	20	13	21	8	57	2	V	40	27	13	18	27	9	28	25	47	26	52					
W	10	17	21	14	36	9	34	16	2	27	20	18	33	9	8	25	46	26	52						
Th	11	18	21	15	52	10	12	29	36	27	27	18	39	8	50	25	45	26	53						
F	12	19	21	17	7	10	40	13	≡	24	27	34	18	44	8	31	25	44	26	54					
S	13	20	22	18	22	11	1	27	25	27	41	18	49	8	13	25	43	26	54						
Su	14	21	22	19	37	11	15	11	⋈	40	27	48	18	55	7	56	25	42	26	55					
M	15	22	23	20	53	11	20	26	5	27	56	19	1	7	39	25	41	26	55						
Tu	16	23	23	22	8	11	R17	10	‡	38	28	3	19	7	7	20	25	40	26	56					
W	17	24	24	23	24	11	3	25	13	28	10	19	13	7	5	25	39	26	56						
Th	18	25	24	24	39	10	41	9	8	43	28	17	19	20	6	51	25	39	26	57					
F	19	26	25	25	55	10	6	24	1	28	24	19	27	6	37	25	38	26	57						
S	20	27	25	27	10	9	23	8	II	2	28	31	19	34	6	25	25	37	26	58					
Su	21	28	26	28	26	8	27	21	42	28	39	19	40	6	12	25	36	26	58						
M	22	29	26	29	41	7	25	4	≡	59	28	46	19	47	5	59	25	35	26	58					
Tu	23	0	‡	27	0	‡	57	6	13	17	53	28	53	19	54	5	47	25	35	26	59				
W	24	1	28	2	12	4	57	0	Ω	26	29	0	20	2	5	38	25	34	26	59					
Th	25	2	28	3	28	3	36	12	41	29	8	20	10	5	27	25	34	26	59	8	5				
F	26	3	29	4	44	2	16	24	44	29	15	20	17	5	19	25	34	26	59						
S	27	4	30	6	0	0	56	6	m	38	29	22	20	26	5	9	25	33	26	59					
Su	28	5	30	7	13	29	m	41	18	30	29	29	20	33	5	2	25	33	26	59					
M	29	6	31	8	29	28	32	0	≡	23	29	36	20	40	4	56	25	33	26	59					
Tu	30	7	32	9	45	27	33	12	22	29	43	20	50	4	46	25	33	26	59						

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

November, 1926

Full Moon November 19th, 4:21 P. M., in γ $26^{\circ} 34'$

Declination of the Planets

D	S. T.	Dec. D	D	⊙	♀	♂	♂	♂	♂	♂	♂		
	H. M.	° N	'	° S	' S	' S	' S	' S	' S	° N	' S	° N	'
1	14 40	7	29	1 14	17 11	35 23	3 17	31 16	29 14	36 2	18 13	0	
2	14 44	2	55	3 14	55 12	29 23	34 34	26 14	30 19	12 59			
3	14 48	1 s	49	5 15	32 13	21 23	59 38	23 14	24 20	59			
4	14 52	6	32	7 16	9 14	12 24	18 41	20 14	18 22	58			
5	14 56	11	5	9 16	44 15	2 24	30 44	17 14	12 23	58			
6	15 0	15	14	11 17	18 15	50 24	34 48	14 14	6 23	58			
				13 17	51 16	36 24	29 51	10 14	1 24	57			
7	15 4	18	45	15 18	22 17	21 24	15 54	6 13	56 25	57			
8	15 8	21	23	17 18	58 18	4 23	49 58	2 13	51 26	56			
9	15 12	22	55	19 19	21 18	45 23	12 18	1 57	13 48	56			
0	15 16	23	10	21 19	49 19	23 22	22 4	53 13	45 27	56			
1	15 19	22	4	23 20	15 20	0 21	21 7	48 13	43 27	56			
2	15 23	19	38	25 20	40 20	34 20	12 10	43 13	41 28	56			
3	15 27	16	1	27 21	3 21	7 19	3 14	38 13	40 28	56			
				29 21	24 21	36 18	0 17	33 13	41 28	56			
4	15 31	11	26	Latitude of the Planets									
5	15 35	6	10										
6	15 39	0	31	D	D	♀	♂	♂	♂	♂	♂	♂	♂
7	15 43	5 N	11	° N	' N	' S	' N	' S	' S	' S	' S	' N	'
8	15 47	10	35	1 4	51 1	6 2	41 1	51 1	3 0	56 0	47 0	26	
9	15 51	15	19	3 5	1 1	2 2	45 51	2 49	46 46	26			
0	15 55	19	8	5 4	17 0	59 2	48 51	2 42	46 46	26			
				7 2	42	55 2	46 51	2 35	46 46	26			
1	15 59	21	46	9 0	30	51 2	43 51	2 28	46 46	26			
2	16 3	23	7	11 1 s	52	47 2	36 51	1 22	46 46	26			
3	16 7	23	10	13 3	53	43 2	23 51	1 15	46 46	26			
4	16 11	22	2	15 5	1	39 2	6 50	1 8	46 46	26			
5	16 15	19	53	17 4	55	34 1	43 50	1 2	46 46	26			
6	16 19	16	53	19 3	34	30 1	14 50	1 0 N	5 46	26			
7	16 23	13	13	21 1	25	26 0	39 50	1 0	10 46	26			
				23 0 N	56	21 0 N	1 50	0 16	46 46	26			
8	16 27	9	5	25 2	59	17 0	42 50	0 22	46 46	26			
9	16 30	4	35	27 4	28	12 1	20 50	0 59	27 46	26			
0	16 34	0 s	7	29 5	10	7 1	52 50	59 32	46 46	26			

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

December, 1926

New Moon December 5th, 6:12 A. M., in ♈ 12° 22'

Longitude of the Planets

Day	☉ ♈	♀ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈
W	18 33	11 1	26R43	24 32	29 50	20 59	4 R44	25R33	26 59	8	3
Th	29 34	12 16	26 5	6 ♈55	29 57	21 13	4 40	25 33	26 59		3
F	310 35	13 31	25 37	19 32	0 ♈4	21 17	4 37	25 32	26 59		3
S	411 36	14 46	25 19	2 ♈25	0 11	21 26	4 35	25 32	26 59		2
Su	512 36	16 2	25 15	15 34	0 19	21 34	4 32	25 32	26 59		2
M	613 37	17 17	25D20	28 57	0 26	21 44	4 32	25 32	26 59		2
Tu	714 38	18 33	25 35	12V33	0 33	21 53	4 32	25D31	26R58		2
W	815 39	19 48	25 58	26 19	0 40	22 3	4 D33	25 32	26 58		1
Th	916 40	21 4	26 30	10♈15	0 47	22 12	4 34	25 32	26 58		1
F	1017 41	22 19	27 9	24 17	0 54	22 17	4 36	25 32	26 58		1
S	1118 42	23 34	27 53	8 ♈24	1 1	22 32	4 40	25 32	26 57		
Su	1219 43	24 49	28 46	22 35	1 8	22 42	4 43	25 32	26 57		
M	1320 44	26 5	29 40	6 ♈46	1 14	22 51	4 48	25 33	26 56		
Tu	1421 45	27 20	0 ♈42	20 57	1 21	23 1	4 53	25 33	26 56	7	5
W	1522 46	28 36	1 45	5 8	1 28	23 12	4 58	25 33	26 55		5
Th	1623 47	29 51	2 53	19 3	1 35	23 23	5 7	25 34	26 55		5
F	1724 48	1 V7	4 2	2 II52	1 41	23 34	5 13	25 34	26 54		4
S	1825 49	2 22	5 16	16 28	1 48	23 44	5 22	25 35	26 54		4
Su	1926 51	3 38	6 30	29 49	1 55	23 55	5 30	25 36	26 53		4
M	2027 52	4 53	7 48	12♈53	2 2	24 6	5 40	25 36	26 52		4
Tu	2128 53	6 9	9 6	25 39	2 8	24 17	5 50	25 37	26 52		3
W	2229 54	7 24	10 26	8 ♈9	2 15	24 28	6 0	25 38	26 51		3
Th	230V55	8 40	11 46	20 25	2 21	24 39	6 12	25 39	26 51		3
F	241 56	9 55	13 9	2 ♈29	2 28	24 50	6 23	25 40	26 50		2
S	252 57	11 10	14 32	14 25	2 34	25 2	6 36	25 41	26 49		2
Su	263 58	12 25	15 59	26 17	2 41	25 13	6 49	25 42	26 49		2
M	274 59	13 41	17 23	8 ♈10	2 47	25 25	7 2	25 43	26 47		1
Tu	286 1	14 57	18 48	20 9	2 54	25 36	7 17	25 44	26 46		1
W	297 3	16 12	20 16	2 ♈18	3 0	25 48	7 32	25 45	26 45		1
Th	308 3	17 27	21 42	14 42	3 7	26 0	7 48	25 46	26 44		
F	319 4	18 43	23 12	27 24	3 13	26 12	8 3	25 47	26 43		

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

December, 1926

Full Moon December 19th, 6:09 A. M., in Π $26^{\circ} 35'$

Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	H. M.	° S	'	° S	'	° S	'	° S	'	° S	'	° S	'	° N	'	° S	'	° N	'
1	16 38 4	52	1	21 44 22	3	17 12 18	20	15 27 13	42	2	28 12 56								
2	16 42 9	32	3	22 2 22	28	16 41 23		21 13 43			29 56								
3	16 46 13	54	5	22 19 22	50	16 28 26		15 13 46			29 56								
4	16 50 17	43	7	22 34 23	9	16 32 29		9 13 50			28 56								
5	16 54 20	44	9	22 47 23	25	16 49 31		3 13 54			28 57								
6	16 58 22	41	11	22 58 23	39	17 16 34	14	56 14 0			28 57								
				13 23 7	23	50 17 50		37 49 14 6			28 57								
7	17 2 23	21	15	23 15 23	57	18 28 40		42 14 13			27 58								
8	17 6 22	35	17	23 21 24	7	19 8 42		35 14 20			27 58								
9	17 10 20	27	19	23 25 24	3	19 49 45		28 14 29			26 59								
0	17 14 17	4	21	23 27 24	2	20 29 48		21 14 38			25 59								
1	17 18 12	42	23	23 26 23	57	21 8 50		13 14 48			25 13 0								
2	17 22 7	37	25	23 25 23	50	21 45 53		5 14 58			24 0								
3	17 26 2	9	27	23 21 23	40	22 18 55	13	57 15 9			23 1								
				29 23 16	23	27 22 48		57 49 15 20			22 1								
4	17 30 3	N 26	31	23 8 23	11	23 14 19	0	41 15 32			21 2								
5	17 34 8	49																	
6	17 37 13	43																	
				Latitude of the Planets															
7	17 41 17	49	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
8	17 45 20	54	° N	'	N	'	N	'	° N	'	° S	'	N	'	° S	'	N	'	
9	17 49 22	46	1	4 59	0	12 17	1	50 0	59 0	37 0	46 0	27							
0	17 53 23	21	3	3 52	s	3 2	32	50	59	42	45	27							
				5 1 56		8 2	41	50	59	46	45	27							
1	17 57 22	40	7	0 s 29		12 2	41	50	59	50	45	27							
2	18 1 20	52	9	2 52		17 2	38	50	58	54	45	27							
3	18 5 18	7	11	4 37		22 2	30	50	58	58	45	27							
4	18 9 14	39	13	5 16		26 2	19	50	58	1	2	45	27						
5	18 13 10	38	15	4 39		31 2	5	50	58	5	45	27							
6	18 17 6	14	17	2 58		35 1	53	50	58	8	45	27							
7	18 21 1	37	19	0 40		40 1	36	50	58	11	45	27							
				21 1 N 41		45 1	20	50	57	14	45	27							
8	18 25 3	s 6	23	3 38		49 1	3	50	57	16	45	27							
9	18 29 7	47	25	4 53		52 0	49	51	57	19	44	27							
0	18 33 12	14	27	5 17		56	33	51	57	21	44	27							
1	18 37 16	17	29	4 47	1	0	16	51	57	23	44	27							
				31 3 23	1	3	4	51	57	25	44	27							

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TABLE OF PROPORTIONAL LOGARITHMS

Hours or Degrees

Min.	0	1	2	3	4	5	6	7	8	9	10	11
0	3.1584	1.3802	1.0792	9031	7781	6812	6021	5351	4771	4260	3802	3388
1	3.1584	.3730	.0756	07	63	6798	09	41	62	52	3795	82
2	2.8573	.3660	.0720	8983	45	84	5997	30	53	44	88	75
3	.6812	.3590	.0685	59	28	69	85	20	44	36	80	68
4	.5563	.3522	.0649	8935	10	55	73	10	35	28	73	62
5	2.4594	1.3454	1.0614	8912	7692	6741	5961	5300	4726	4220	3766	3355
6	.3802	.3388	.0580	8888	74	26	49	5289	17	12	59	49
7	.3133	.3323	.0546	65	57	12	37	79	08	04	52	42
8	.2553	.3258	.0511	42	39	6698	25	69	4699	4196	45	36
9	.2041	.3195	.0478	19	22	84	13	59	.90	88	38	29
10	2.1584	1.3133	1.0444	8796	7604	6670	5902	5249	4682	4180	3730	3323
11	.1170	.3071	.0411	73	7587	56	5890	39	73	72	23	16
12	.0792	.3010	.0378	51	70	42	78	29	64	64	16	10
13	.0444	.2950	.0345	28	52	28	66	19	55	56	09	03
14	.0122	.2891	.0313	06	35	14	55	09	46	49	02	3297
15	1.9823	1.2833	1.0280	8683	7518	6600	5843	5199	4638	4141	3695	3291
16	.9542	.2775	.0248	61	01	6587	32	89	29	33	88	84
17	.9279	.2719	.0216	39	7484	73	20	79	20	25	81	78
18	.9031	.2663	.0185	17	67	59	09	69	11	17	74	71
19	.8796	.2607	.0153	8595	51	46	5797	59	03	09	67	65
20	1.8573	1.2553	1.0122	8573	7434	6532	5786	5149	4594	4102	3660	3258
21	.8361	.2499	.0091	52	17	19	74	39	85	4094	53	52
22	.8159	.2445	.0061	30	01	05	63	29	77	86	46	46
23	.7966	.2393	.0030	09	7384	6492	52	20	68	79	39	39
24	.7781	.2341	1.0000	8487	68	78	40	10	59	71	32	33
25	1.7604	1.2289	0.9970	8466	7351	6465	5729	5100	4551	4063	3625	3227
26	.7434	.2239	.9940	45	35	51	18	5090	42	55	18	20
27	.7270	.2188	.9910	24	18	38	06	81	34	48	11	14
28	.7112	.2139	.9881	03	02	25	5695	71	25	40	04	08
29	.6960	.2090	.9852	8382	7286	12	84	61	16	32	3597	01
30	1.6812	1.2041	0.9823	8361	7270	6398	5673	5051	4508	4025	3590	3195
31	.6670	.1993	.9794	41	54	85	62	42	4499	17	83	89
32	.6532	.1946	.9765	21	38	72	51	32	91	10	77	83
33	.6398	.1899	.9737	00	22	59	40	23	82	02	70	76
34	.6269	.1852	.9708	8279	06	46	29	13	74	3995	63	70
35	1.6143	1.1806	0.9680	8259	7190	6333	5618	5003	4466	3987	3556	3164
36	.6021	.1761	.9652	39	74	20	07	4994	57	79	49	57
37	.5902	.1716	.9625	19	59	07	5596	84	49	72	42	51
38	.5786	.1671	.9597	8199	43	6294	85	75	40	64	35	45
39	.5673	.1627	.9570	79	28	82	74	65	32	57	29	39
40	1.5663	1.1584	0.9542	8159	7112	6269	5563	4956	4424	3949	3522	3133
41	.5456	.1540	.9515	40	7097	56	52	47	15	42	15	26
42	.5351	.1498	.9488	20	81	43	41	37	07	34	08	20
43	.5249	.1455	.9462	01	66	31	31	28	4399	27	01	14
44	.5149	.1413	.9435	8081	50	18	20	18	90	19	3495	08
45	1.5051	1.1372	0.9409	8062	7035	6205	5509	4909	4382	3912	3488	3102
46	.4956	.1331	.9383	43	20	6193	5498	00	74	05	81	3096
47	.4863	.1290	.9356	23	05	80	88	4890	65	3897	75	89
48	.4771	.1249	.9330	04	6990	68	77	81	57	90	68	83
49	.4682	.1209	.9305	7985	75	55	66	72	49	82	61	77
50	1.4594	1.1170	0.9279	7966	6960	6143	5456	4863	4341	3875	3455	3071
51	.4508	.1130	.9254	47	45	31	45	53	33	68	48	65
52	.4424	.1091	.9228	29	30	18	35	44	24	60	41	59
53	.4341	.1053	.9203	10	15	06	24	35	16	53	35	53
54	.4260	.1015	.9178	7891	00	6094	14	26	08	46	28	47
55	1.4180	1.0977	0.9153	7873	6885	6081	5403	4817	4300	3838	3421	3041
56	.4102	.0939	.9128	54	71	69	5393	08	4292	31	15	35
57	.4025	.0902	.9104	36	56	57	82	4799	84	24	08	28
58	.3949	.0865	.9079	18	41	45	72	89	76	17	01	22
59	.3875	.0828	.9055	00	27	33	61	80	68	09	3395	16

TABLE OF PROPORTIONAL LOGARITHMS

Hours or Degrees

Min.	12	13	14	15	16	17	18	19	20	21	22	23
0	3010	2663	2341	2041	1761	1498	1249	1015	0792	0580	0378	0185
1	04	57	36	36	56	93	45	11	88	77	75	82
2	2998	52	30	32	52	89	41	07	85	73	71	79
3	92	46	25	27	47	85	37	03	81	70	68	75
4	86	41	20	22	43	81	34	0999	77	66	64	72
5	2980	2635	2315	2017	1738	1476	1229	0996	0774	0563	0361	0169
6	74	29	10	12	34	72	25	92	70	59	58	66
7	68	24	05	08	29	68	21	88	66	56	55	63
8	62	18	00	03	25	64	17	84	63	52	52	60
9	56	13	2295	1998	20	60	13	80	59	49	48	57
10	2950	2607	89	1993	1716	1455	1209	0977	0756	0546	0345	0153
11	45	02	84	89	11	51	05	73	52	42	42	50
12	38	2596	79	84	07	47	01	69	49	39	39	47
13	33	91	74	79	02	43	1197	65	45	35	35	44
14	27	85	69	74	1698	38	93	62	42	32	32	41
15	2921	2580	2264	1969	1694	1434	1189	0958	0738	0529	0329	0138
16	15	75	59	65	89	30	85	54	34	25	26	35
17	09	69	54	60	85	26	82	50	31	22	22	32
18	03	64	49	55	80	22	78	47	27	18	19	29
19	2897	58	44	50	76	17	74	43	24	15	16	25
20	2891	2553	2239	1946	1671	1413	1170	0939	0720	0511	0313	0122
21	85	47	34	41	67	09	66	35	17	08	09	19
22	80	42	29	36	63	05	62	32	13	05	06	16
23	74	36	23	32	58	01	58	28	09	01	03	13
24	68	31	18	27	54	1397	54	24	06	0498	00	10
25	2862	2526	2213	1922	1649	1393	1150	0920	0702	0495	0296	0107
26	56	20	08	17	45	88	46	17	0699	91	92	04
27	50	15	03	13	40	84	42	13	95	88	90	01
28	45	09	2198	08	36	80	38	09	92	85	87	0098
29	39	04	93	03	32	76	34	05	88	81	83	94
30	2833	2499	2188	1899	1627	1372	1130	0902	0685	0478	0280	0091
31	27	93	83	94	23	68	26	0898	81	74	77	88
32	21	88	78	90	19	63	23	94	78	71	74	85
33	16	83	73	85	14	59	19	91	74	68	71	82
34	10	77	68	80	10	55	15	87	70	64	67	79
35	2804	2472	2164	1875	1605	1351	1111	0883	0667	0461	0264	0076
36	2798	67	59	71	01	47	07	80	64	58	61	73
37	93	61	54	66	1597	43	03	76	60	54	58	70
38	87	56	49	62	92	39	1099	72	56	51	55	67
39	81	51	44	57	88	35	95	68	53	48	51	64
40	2775	2445	2139	1852	1584	1331	1092	0865	0649	0444	0248	0061
41	70	40	34	48	79	27	88	61	46	41	45	58
42	64	35	29	43	75	22	84	57	42	37	42	55
43	58	30	24	38	71	18	80	54	39	34	39	52
44	53	24	19	34	66	14	76	50	35	31	35	48
45	2747	2419	2114	1829	1562	1310	1072	0846	0632	0428	0232	0045
46	41	14	09	25	58	06	68	43	29	24	29	42
47	36	09	04	20	53	02	64	39	25	21	26	39
48	30	03	2099	16	49	1298	61	35	21	18	23	36
49	24	2398	2095	11	45	94	57	32	18	14	20	33
50	2719	2393	2090	1806	1540	1290	1053	0828	0614	0411	0216	0030
51	13	88	85	02	36	86	49	24	11	08	13	27
52	07	82	80	1797	32	82	45	21	08	04	10	24
53	02	77	75	93	28	78	41	17	04	01	07	21
54	2696	72	70	88	23	74	37	14	01	0398	04	18
55	2691	2367	2065	1784	1519	1270	1034	0810	0597	0394	0201	0015
56	85	62	61	79	15	66	30	06	94	91	0197	12
57	79	56	56	74	10	61	26	03	90	88	94	09
58	74	51	51	70	06	57	22	0799	87	84	91	06
59	68	46	46	65	02	53	18	95	83	81	88	03

THE WEB OF DESTINY

By MAX HEINDEL

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Oceanside, California, U.S.A.

EPHEMERIS OF PLUTO FOR 1927

Date	Long.	Dec.	Date	Long.	Dec.
January 8	14° 56' 49" R	21° N 14'	July 7	15° 56' 26'	21° N 25'
February 7	14° 56' 14'	21° N 20'	August 6	16° 56' 12'	21° N 21'
March 9	13° 56' 51'	21° N 25'	September 5	16° 56' 48'	21° N 19'
April 8	13° 56' 48'	21° N 28'	October 5	17° 56' 7'	21° N 18'
May 8	14° 56' 6" D	21° N 29'	November 4	17° 56' 6" R	21° N 18'
June 7	14° 56' 42'	21° N 27'	December 4	16° 56' 45'	21° N 22'

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176 Pages

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Index

THE ROSICRUCIAN FELLOWSHIP

Oceanside, California, U.S.A.

Calculated for Mean Noon at Greenwich

January, 1927

New Moon (Annular Eclipse of Sun)

January 3rd, 8:28 P. M., in v_3 $12^\circ 29'$

Longitude of the Planets

Day	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
S	1 10	5 19	58 24	40 10	26 3	19 26	24 8	19 25	50 26	42 6	5 5
Su	2 11	6 21	14 26	9 23	50 3	25 26	36 8	36 25	51 26	41 6	5 5
M	3 12	8 22	29 27	38 7	♈ 34	31 26	48 8	54 25	53 26	40 6	5 5
Tu	4 13	9 23	45 29	8 21	36 3	37 27	1 9	11 25	54 26	39 6	4 4
W	5 14	10 25	0 0	♈ 39	5 52	43 27	13 9	30 25	56 26	38 6	4 4
Th	6 15	11 26	15 2	10 20	17 3	49 27	26 9	48 25	57 26	36 6	4 4
F	7 16	12 27	31 3	41 4	♈ 46	3 55	27 38	10 7	25 59	26 35	6 3
S	8 17	14 28	46 5	13 19	14 4	1 27	51 10	27 26	1 26	34 6	8 8
Su	9 18	15 0	♈ 1	6 45	3 35	7 28	3 10	47 26	3 26	33 6	8 8
M	10 19	16 1	17 8	18 17	46 4	13 28	16 11	7 26	4 26	32 6	2 2
Tu	11 20	17 2	32 9	51 1	♈ 47	18 28	29 11	28 26	6 26	30 6	2 2
W	12 21	18 3	47 11	24 15	35 4	24 28	42 11	49 26	8 26	29 6	2 2
Th	13 22	19 5	3 12	58 29	9 4	30 28	55 12	11 26	10 26	28 6	1 1
F	14 23	20 6	18 14	33 12	♈ 31	4 35	29 8	12 33	26 12	26 26	6 1
S	15 24	21 7	33 16	8 25	40 4	41 29	21 12	55 26	14 26	25 6	1 1
Su	16 25	22 8	47 17	43 8	♈ 37	46 29	34 13	18 26	16 26	24 6	6 6
M	17 26	24 10	3 19	19 21	21 4	51 29	47 13	41 26	18 26	22 6	6 6
Tu	18 27	25 11	19 20	55 3	♈ 53	57 0	♈ 1	14 4	26 20	26 21	6 6
W	19 28	26 12	34 22	32 16	14 5	2 0	14 14	28 26	22 26	19 6	6 6
Th	20 29	27 13	49 24	10 28	24 5	7 0	27 14	52 26	24 26	18 5	6 6
F	21 0	♈ 28	15 4	25 48	10 26	5 12	0 41	15 16	26 27	26 16	5 5
S	22 1	29 16	19 27	27 22	22 5	17 0	54 15	40 26	29 26	15 5	5 5
Su	23 2	30 17	35 29	6 4	♈ 14	22 1	8 16	5 26	31 26	14 5	4 4
M	24 3	31 18	50 0	♈ 46	16 6	27 1	21 16	30 26	33 26	12 5	4 4
Tu	25 4	32 20	5 2	27 28	3 5	31 1	35 16	56 26	36 26	10 5	4 4
W	26 5	33 21	20 4	8 10	♈ 9	36 1	49 17	21 26	38 26	9 5	3 3
Th	27 6	34 22	35 5	50 22	29 5	41 2	3 17	47 26	41 26	7 5	3 3
F	28 7	35 23	50 7	32 5	♈ 7	45 2	16 18	13 26	43 26	6 5	3 3
S	29 8	36 25	5 9	15 18	9 5	50 2	30 18	40 26	46 26	4 5	2 2
Su	30 9	37 26	20 10	59 1	♈ 36	54 2	44 19	6 26	48 26	3 5	2 2
M	31 10	38 27	35 12	43 15	29 5	59 2	58 19	33 26	51 26	1 5	2 2

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

January, 1927

Full Moon January 17th, 10:27 P. M., in ϖ $26^{\circ} 50'$

Declination of the Planets

S.T.	Dec.	D	☉	♀	♂	♂	♂	♂	♂	♂	♂										
H.M.	°	S	'	°	S	'	°	S	'	°	S	'	°	N	'	°	S	'	°	N	'
18 41	19	40		1 23	4 23	2 23	25 19	1 13	37 15	39 2	20 13	3									
18 45	22	5		2 22	59 22	52 23	36	2 13	33 15	45 20		3									
18 48	23	16		4 22	48 22	31 23	53	4 13	24 15	58 19		4									
18 52	23	1		6 22	35 22	6 24	5	6 13	16 16	11 17		5									
18 56	21	16		8 22	20 21	39 24	13	8 13	7 16	25 16		5									
19 00	18	9		10 22	4 21	10 24	16	10 12	58 16	38 14		6									
				12 21	46 20	38 24	13	12 12	49 16	53 13		7									
19 4	13	55		14 21	26 20	3 24	4	14 12	40 17	7 11		8									
19 8	8	53		16 21	4 19	26 23	51	16 12	31 17	22 9		9									
19 12	3	25		18 20	41 18	47 23	31	17 12	21 17	37 8		10									
19 16	2 N	11		20 20	17 18	6 23	6	19 12	12 17	52 6		11									
19 20	7	36		22 19	50 17	22 22	34	21 12	2 18	7 4		12									
19 24	12	33		24 19	23 16	37 21	57	22 11	52 18	22 2		13									
19 28	16	48		26 18	53 15	50 21	14	23 11	43 18	37 0		14									
				28 18	23 15	1 20	24	25 11	33 18	53 1	58	15									
19 32	20	7		30 17	51 14	11 19	29	26 11	23 19	8 1	56	16									

		Latitude of the Planets																					
		2	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂							
			°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'
19	36	22	19																				
19	40	23	18																				
19	44	23	2																				
19	48	21	35																				
19	52	19	8	1	2	23	1	5	0	5	1	51	0	57	1	26	0	44	0			27	
19	55	15	52	2	1	14		7		12		51		57		26		44				27	
				4	1	S 19		9		26		51		57		28		44				27	
19	59	11	59	6	3	37		13		40		51		57		30		44				27	
20	3	7	41	8	5	1		16		52		51		57		31		44				27	
20	7	3	7	10	5	11		19	1	4		51		57		32		44				27	
20	11	1	S 34	12	4	8		21		15		52		57		34		44				27	
20	15	6	14	14	2	12		23		26		52		56		35		44				27	
20	19	10	43	16	0	N 8		25		35		52		56		36		44				27	
20	23	14	52	18	2	22		27		43		52		56		37		44				27	
				20	4	5		28		50		52		56		38		44				27	
20	27	18	27	22	5	4		29		56		53		56		39		44				27	
20	31	21	15	24	5	9		30	2	0		53		56		40		43				28	
20	35	22	57	26	4	22		31		3		53		56		40		43				28	
20	39	23	19	28	2	45		31		5		53		56		41		43				28	
				30	0	29		32		4		53		56		41		43				28	

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

February, 1927

New Moon February 2nd, 8:54 A. M., in ♋ 12° 32'

Calculated for Mean Noon at Greenwich

Longitude of the Planets

Day	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
Tu	1 11 39	28 50	14 28	29 47	6 3	12 20	0 26	53 25	59 5	5 1	1
W	2 12 40	0 35	16 14	14 26	6 7	3 26	20 28	26 56	25 58	5 1	1
Th	3 13 40	1 20	18 0	29 18	6 11	3 40	20 56	26 59	25 56	5 1	1
F	4 14 41	2 35	19 47	14 16	6 15	3 54	21 23	27 1	25 55	5 5	5
S	5 15 42	3 50	21 34	29 11	6 19	4 8	21 51	27 4	25 53	5 5	5
Su	6 16 43	5 5	23 22	13 54	6 23	4 22	22 19	27 7	25 51	5 5	5
M	7 17 44	6 20	25 10	28 19	6 27	4 36	22 48	27 10	25 50	5 5	5
Tu	8 18 45	7 35	26 58	12 24	6 30	4 51	23 16	27 13	25 48	4 5	5
W	9 19 45	8 49	28 46	26 7	6 34	5 5	23 45	27 16	25 46	4 5	5
Th	10 20 46	10 4	0 35	9 30	6 37	5 19	24 14	27 18	25 44	4 5	5
F	11 21 47	11 19	2 23	22 34	6 41	5 33	24 43	27 21	25 43	4 4	4
S	12 22 47	12 34	4 10	5 24	6 44	5 48	25 13	27 24	25 41	4 4	4
Su	13 23 48	13 48	5 57	18 0	6 47	6 2	25 42	27 27	25 39	4 4	4
M	14 24 49	15 3	7 43	0 25	6 50	6 16	26 12	27 30	25 38	4 8	8
Tu	15 25 49	16 18	9 23	12 41	6 53	6 31	26 42	27 33	25 36	4 8	8
W	16 26 50	17 32	11 11	24 50	6 56	6 45	27 12	27 36	25 34	4 8	8
Th	17 27 50	18 47	12 52	6 53	6 59	7 0	27 42	27 39	25 33	4 2	2
F	18 28 51	20 1	14 30	18 50	7 2	7 14	28 12	27 43	25 31	4 2	2
S	19 29 51	21 16	16 5	0 44	7 5	7 28	28 43	27 46	25 29	4 2	2
Su	20 30 52	22 31	17 36	12 36	7 7	7 43	29 13	27 49	25 28	4 1	1
M	21 31 52	23 45	19 3	24 28	7 10	7 57	29 44	27 52	25 26	4 1	1
Th	22 32 53	24 59	20 25	6 24	7 12	8 12	0 15	27 55	25 24	4 1	1
W	23 33 53	26 14	21 42	18 28	7 14	8 26	0 46	27 58	25 23	4 1	1
Th	24 34 53	27 28	22 52	0 44	7 17	8 41	1 17	28 1	25 21	4 1	1
F	25 35 54	28 42	23 56	13 17	7 19	8 55	1 48	28 5	25 19	4 1	1
S	26 36 54	29 57	24 52	26 12	7 21	9 9	2 19	28 8	25 18	3 5	5
Su	27 37 54	31 11	25 40	9 32	7 23	9 24	2 51	28 11	25 16	3 5	5
M	28 38 55	2 25	26 19	23 22	7 25	9 38	3 23	28 16	25 14	3 5	5

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

February, 1927

Full Moon February 16th, 4:18 P. M., in Ω $27^{\circ} 0'$

Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂				
	H. M.	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'	°	N	'	°	S	'	°	N	'
1	20	43	22	11	1	17	18	13	19	18	27	19	27	11	13	19	23	1	54	13	18				
2	20	47	19	32	3	16	44	12	26	17	19		29	11	3	19	38		52		19				
3	20	51	15	34	5	16	8	11	31	16	6		30	10	52	19	53		50		20				
4	20	55	10	36	7	15	32	10	35	14	47		31		42	20	8		47		21				
5	20	59	5	1	9	14	54	9	38	13	22		32		32	20	23		45		22				
6	21	2	0	N 46	11	14	15	8	40	11	53		33		21	20	38		43		23				
					13	13	36	7	41	10	19		33		11	20	52		40		24				
7	21	6	6	24	15	12	55	6	41	8	43		34		0	21	6		38		26				
8	21	10	11	35	17	12	14	5	41	7	6		35	0	49	21	20		35		27				
9	21	14	16	2	19	11	32	4	40	5	29		35		39	21	34		33		28				
10	21	18	19	34	21	10	49	3	38	3	54		36		28	21	48		30		29				
11	21	22	22	0	23	10	5	2	36	2	26		36		17	22	1		28		30				
12	21	26	23	15	25	9	21	1	34	1	6		37		6	22	14		25		31				
13	21	30	23	16	27	8	37	0	32	0	N 3		37	8	56	22	26		23		32				

				Latitude of the Planets																
				D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂					
				°	S	°	S	°	S	°	N	°	S	°	N	°	S	°	N	
21	34	22	7																	
21	38	19	55	D	D		♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
21	42	16	52		°	S	°	S	°	S	°	N	°	S	°	N	°	S	°	N
21	46	13	7	1	2	2	1	31	2	2	1	54	0	56	1	42	0	43	0	28
21	50	8	53	3	4	7		31	1	58		54		56		42		43		28
21	54	4	21	5	5	7		30		52		54		56		43		43		28
21	58	0	s	20	7	4	48	29		44		54		56		43		43		28
					9	3	21	28		33		55		56		43		43		28
22	2	5	1	11	1	14		27		20		55		56		43		43		28
22	6	9	33	13	1	N	2	25		4		55		56		43		43		28
22	10	13	46	15	3	3		23	0	45		55		56		44		43		28
22	13	17	30	17	4	27		20		23		56		56		44		43		28
22	17	20	31	19	5	4		18	N	1		56		56		44		43		28
22	21	22	33	21	4	48		15		28		56		56		44		43		28
22	25	23	30	23	3	42		12		56		57		57		44		43		28
				25	1	54		8	1	25		57		57		44		43		28
22	29	23	0	27	0	s	24	5	1	55		57		57		44		43		28

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

March, 1927

New Moon March 3rd, 7:25 P. M., in ♋ 12° 14'

Longitude of the Planets

Day	☉ ♈	♀ ♍	♂ ♊	♂ ♋	♂ ♌	♂ ♍	♂ ♎	♂ ♏	♂ ♐	♂ ♑	♂ ♒	♂ ♓										
	°	'	°	'	°	'	°	'	°	'	°	'										
Tu	19	55	3	39	26	50	7	40	7	26	9	53	3	54	28	18	25	R	13	3		
W	2	10	55	4	54	27	12	22	26	7	28	10	7	4	26	28	21	25	11	3		
Th	3	11	55	6	8	27	24	7	♋	31	7	29	10	22	4	58	28	24	25	10	3	
F	4	12	55	7	22	27	27	22	48	7	31	10	36	5	30	28	28	25	8	3		
S	5	13	56	8	36	27	R	21	8	♍	3	7	32	10	51	6	2	28	31	25	7	3
Su	6	14	56	9	50	27	6	23	8	7	33	11	5	6	35	28	34	25	5	3		
M	7	15	56	11	4	26	42	7	♌	52	7	34	11	20	7	7	28	38	25	3	3	
Tu	8	16	56	12	18	26	10	22	10	7	35	11	34	7	39	28	41	25	2	3		
W	9	17	56	13	32	25	32	6	♐	0	7	36	11	49	8	12	28	45	25	0	3	
Th	10	18	56	14	45	24	47	19	25	7	37	12	3	8	45	28	48	24	59	3		
F	11	19	56	15	59	23	57	2	♑	25	7	38	12	18	9	17	28	51	24	57	3	
S	12	20	56	17	13	23	4	15	6	7	38	12	32	9	50	28	55	24	56	3		
Su	13	21	55	18	26	22	7	27	31	7	39	12	46	10	23	28	58	24	54	3		
M	14	22	55	19	40	21	10	9	♒	44	7	39	13	1	10	56	29	1	24	53	3	
Tu	15	23	55	20	54	20	13	21	49	7	40	13	15	11	29	29	5	24	51	3		
W	16	24	55	22	7	19	17	3	♓	48	7	40	13	30	12	2	29	8	24	50	3	
Th	17	25	54	23	21	18	23	15	44	7	40	13	44	12	35	29	12	24	49	2		
F	18	26	54	24	34	17	33	27	37	7	40	13	58	13	9	29	15	24	47	2		
S	19	27	54	25	47	16	47	9	♈	30	7	R	40	14	13	13	42	29	19	24	46	2
Su	20	28	53	27	1	16	6	21	23	7	40	14	27	14	16	29	22	24	45	2		
M	21	29	53	28	14	15	30	3	♉	18	7	39	14	41	14	49	29	25	24	43	2	
Tu	22	0	♍	29	27	14	59	15	18	7	39	14	55	15	23	29	29	24	42	2		
W	23	1	52	0	♌	40	14	35	27	24	7	38	15	9	15	56	29	32	24	41	2	
Th	24	2	51	1	54	14	16	9	♊	41	7	38	15	24	16	30	29	36	24	39	2	
F	25	3	51	3	7	14	4	22	12	7	37	15	38	17	4	29	39	24	38	2		
S	26	4	50	4	20	13	58	5	♋	2	7	36	15	52	17	38	29	43	24	37	2	
Su	27	5	54	5	32	13	57	18	16	7	35	16	6	18	11	29	46	24	36	2		
M	28	6	49	6	45	14	D	2	1	♌	56	7	34	16	20	18	45	29	49	24	35	2
Tu	29	7	48	7	58	14	12	16	5	7	33	16	34	19	19	29	53	24	24	2		
W	30	8	48	9	11	14	28	0	♋	42	7	32	16	48	19	54	29	56	24	32	2	
Th	31	9	47	10	24	14	49	15	42	7	31	17	2	20	28	0	♍	0	24	31	2	

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

March, 1927

Full Moon March 18th, 10:24 A. M., in m $26^{\circ} 50'$

Declination of the Planets

[illegible]

				Latitude of the Planets													
				D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂		
				°	'	°	'	°	'	°	'	°	'	°	'		
5	23	28	17	46													
6	23	32	14	10													
7	23	36	10	1	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂		
8	23	40	5	30	°	S	'	°	S	'	°	N	'	°	S	'	
9	23	44	0	48	1	2	44	1	2	23	1	58	0	57	1	44	0
0	23	48	3	s	57	3	4	29	57	2	49	58	57	44	43	0	28
						5	5	1	53	3	10	58	57	44	43		28
1	23	52	8	35	7	4	12		48	3	27	58	57	43	43		28
2	23	56	12	55	9	2	23		44	3	36	59	57	43	43		28
3	0	0	16	47	11	0	9		39	3	38	59	57	43	43		28
4	0	4	20	0	13	2	N	1	34	3	31	59	58	43	43		28
5	0	8	22	21	15	3	44		29	3	17	2	0	58	43		28
6	0	12	23	36	17	4	45		23	2	57	0	58	42	43		28
7	0	16	23	35	19	4	57		18	2	32	0	58	42	43		28
					21	4	18		12	2	2	1	58	42	42		28
8	0	20	22	11	23	2	52		6	1	33	1	58	42	42		28
9	0	24	19	21	25	0	52		1	1	2	1	59	41	42		28
0	0	28	15	14	27	1	s	24	N	5	0	32	1	59	41		28
1	0	31	10	5	29	3	30		11	0	4	2	59	41	42		28
					31	4	49		17	0	s	24	2	59	40		28

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

New Moon April 2nd, 4:24 A. M., in ♈ 11° 27'

April, 1927

Longitude of the Planets

Day	☉ ♈	☿ ♈	♀ ♋	♂ ♋	♂ ♋	♂ ♋	♂ ♋	♂ ♋	♂ ♋	♂ ♋	♂ ♋	♂ ♋
	°	'	°	'	°	'	°	'	°	'	°	'
F	1 10 46	11 36 15	14 0 57	7 17 28	17 16 20	2 0 3	24 30 2	1				
S	2 11 45	12 49 15	44 16 17	7 28 17	30 21 36	0 6 24	29 2					
Su	3 12 45	14 1 16	18 1 8	31 7 26	17 43 22	10 0 9	24 28 2					
M	4 13 44	15 14 16	56 16 26	7 24 17	57 22 45	0 13 24	27 2					
Tu	5 14 43	16 26 17	38 0 11	57 7 23	18 11 23	19 0 16	24 26 1	5				
W	6 15 42	17 39 18	24 14 58	7 21 18	25 23 54	0 20 24	25 1	5				
Th	7 16 41	18 51 19	13 28 30	7 19 18	33 24 28	0 23 24	24 1	5				
F	8 17 40	20 3 20	5 11 35	7 17 18	52 25 3	0 26 24	23 1	4				
S	9 18 39	21 15 21	1 24 17	7 15 19	5 25 37	0 30 24	23 1	4				
Su	10 19 38	22 27 21	59 6 11	7 13 19	19 26 12	0 33 24	22 1	4				
M	11 20 37	23 40 23	0 18 50	7 11 19	32 26 47	0 36 24	21 1	4				
Tu	12 21 35	24 51 24	4 0 11	7 8 19	46 27 21	0 40 24	20 1	3				
W	13 22 34	26 3 25	11 12 45	7 6 19	59 27 56	0 43 24	19 1	3				
Th	14 23 33	27 15 26	20 24 37	7 3 20	12 28 31	0 46 24	19 1	3				
F	15 24 32	28 27 27	31 6 29	7 1 20	26 29 6	0 49 24	18 1	2				
S	16 25 30	29 38 28	44 18 23	6 58 20	39 29 41	0 52 24	17 1	2				
Su	17 26 29	0 11 50	0 11 20	6 55 20	52 0 16	0 56 24	17 1	2				
M	18 27 28	2 1 18	12 22 6	6 52 21	5 0 51	0 59 24	16 1	1				
Tu	19 28 26	3 13 2	38 24 30	6 49 21	18 1 26	1 2 24	16 1	1				
W	20 29 25	4 24 4	0 6 45	6 46 21	31 2 1	1 5 24	15 1	1				
Th	21 0 8 23	5 35 5	23 19 11	6 43 21	44 2 36	1 8 24	15 1					
F	22 1 22 6	46 6 49	1 13 49	6 39 21	56 3 11	1 11 24	14 1					
S	23 2 20 7	57 8 17	14 42 6	6 37 22	9 3 46	1 14 24	14 1					
Su	24 3 19 9	8 9 47	27 55 6	6 33 22	22 4 21	1 17 24	13 0	5				
M	25 4 17 10	19 11 18	11 30 6	6 30 22	35 4 56	1 20 24	13 0	5				
Tu	26 5 16 11	30 12 51	25 29 6	6 27 22	47 5 32	1 23 24	13 0	5				
W	27 6 14 12	41 14 26	9 51 6	6 23 22	59 6 7	1 26 24	12 0	4				
Th	28 7 12 13	52 16 3	24 35 6	6 20 23	12 6 42	1 29 24	12 0	4				
F	29 8 11 15	2 17 42	9 34 6	6 16 23	24 7 18	1 32 24	12 0	4				
S	30 9 09 16	13 19 23	24 40 6	6 12 23	36 7 53	1 35 24	12 0	3				

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich
April, 1927
Full Moon April 17th, 3:35 A. M., in $\approx 26^{\circ} 8'$
Declination of the Planets

D	S.T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂						
	H.M.	°	S	'	°	N	'	°	N	'	°	S	'	°	S	'	°	N	'	°	S	'	°	N	'
1	0	35	4	13	1	4	16	15	38	6	22	19	34	5	57	24	49	0	39	13	48				
2	0	30	1	N 56	2	4	39	16	04	6	22		33		51		51		37		48				
3	0	43	7	56	4	5	25	16	53	6	14		32		41		54		34		49				
4	0	47	13	22	6	6	11	17	40	5	55		32		30		57		31		50				
5	0	51	17	53	8	6	56	18	26	5	34		31		20	25	00		29		50				
6	0	55	21	13	10	7	41	19	10	5	03		30		09		02		26		51				
					12	8	25	19	52	4	25		29	4	59		03		23		51				
7	0	59	23	13	14	9	09	20	32	3	41		28		49		04		21		52				
8	1	3	23	52	16	9	52	21	09	2	50		27		39		04		18		52				
9	1	7	23	14	18	10	34	21	45	1	54		26		29		03		16		53				
0	1	11	21	28	20	11	16	22	18	0	53		24		19		02		13		53				
1	1	15	18	45	22	11	57	22	49	0	N 13		23		09		00		11		53				
2	1	19	15	16	24	12	37	23	18	1	23		22	3	59	24	58		09		53				
3	1	23	11	12	26	13	17	23	44	2	38		21		50		54		06		54				
					28	13	55	24	07	3	57		19		40		51		04		54				
4	1	27	6	44	30	14	33	24	28	5	20		18		31		46		02		54				

			Latitude of the Planets																		
			D	D	☉	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓				
			° S	'	° N	'	° S	'	° N	'	° S	'	° N	'	° S	'	° N	'			
51	31	2	1																		
61	35	2	s 47																		
71	38	7	31	D	D	☉	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓			
81	42	12	00	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'
91	46	16	04	15	0	0	20	0	35	2	2	0	59	1	40	0	43	0	28		
01	50	19	30	24	51		23	0	47		2	0	59		40		43		28		
				43	32		30	1	09		2	0	59		39		43		28		
11	54	22	06	61	24		36		29		3	1	0		39		43		28		
21	58	23	39	80	N 56		42		46		3		0		39		43		28		
32	2	23	59	102	57		48	2	1		3		0		38		43		28		
42	6	22	59	124	22		54		14		3		1		38		43		28		
52	10	20	38	145	00	1	00		24		3		1		37		43		28		
62	14	17	01	164	47		06		32		4		1		37		43		28		
72	18	12	20	183	43		12		38		4		1		36		43		28		
				201	58		18		41		4		2		36		43		28		
82	22	6	49	220	s 13		24		42		4		2		35		43		28		
92	26	0	50	242	26		29		41		4		2		35		43		28		
02	30	5	16	264	14		35		38		5		3		34		43		28		
				285	05		40		33		5		3		34		43		28		
				304	36		45		26		5		3		33		43		28		

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

May, 1927

New Moon May 1st, 0:40 P. M., in γ $10^{\circ} 9'$

New Moon May 30th, 9:06 P. M., in Π $8^{\circ} 27'$

Longitude of the Planets

Day	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
	♈	♊	♊	♊	♊	♊	♊	♊	♊	♊	♊
Su	1 10 07	17 22 21	5 9 44	6 R 9 23 48	8 28 1	38 24 12	0 30				
M	2 11 6	18 33 22	49 24 35	6 5 24 0	9 4 1	41 24 12	0 30				
Tu	3 12 04	19 43 24	35 9 11	06 6 1	24 12 9	39 1	44 24 12	0 30			
W	4 13 02	20 53 26	23 23 12	5 57 24 24	10 15 1	46 24 12	0 27				
Th	5 14 00	22 3 28	12 6 51	5 53 24 36	10 50 1	49 24 12	0 24				
F	6 14 58	23 13 0	8 4 20	02 5 49 24 48	11 26 1	52 24 11	0 22				
S	7 15 56	24 23 1	57 2 12	49 5 45 25 0	12 2 1	54 24 11	0 18				
Su	8 16 54	25 33 3	52 15 15	5 41 25 11	12 37 1	57 24 11	0 18				
M	9 17 52	26 42 5	49 27 28	5 37 25 23	13 13 2	0 24 11	0 18				
Tu	10 18 50	27 52 7	48 9 12	28 5 33 25 34	13 49 2	2 24 12	0				
W	11 19 48	28 1 9	48 21 22	5 29 25 45	14 24 2	5 24 12	0				
Th	12 20 46	0 51 11	50 3 14	5 24 25 56	15 00 2	7 24 12	0				
F	13 21 44	1 19 13	54 15 7	5 20 26 7	15 36 2	10 24 12	29 11				
S	14 22 42	2 28 15	59 27 04	5 16 26 18	16 12 2	12 24 12	29 5				
Su	15 23 40	3 37 18	6 9 11	07 5 11 26 29	16 47 2	15 24 13	29 5				
M	16 24 38	4 46 20	14 21 18	5 7 26 40	17 23 2	17 24 13	29 4				
Tu	17 25 35	5 54 22	23 3 1	38 5 3 26 51	17 59 2	20 24 13	29 4				
W	18 26 33	7 3 24	33 16 08	4 58 27 1	18 35 2	22 24 14	29 4				
Th	19 27 31	8 11 26	44 28 50	4 54 27 12	19 11 2	24 24 14	29 4				
F	20 28 29	9 19 28	55 11 13	44 4 50 27 22	19 47 2	26 24 14	29 3				
S	21 29 26	10 27 1	11 6 24	52 4 45 27 33	20 23 2	29 24 15	29 3				
Su	22 0 11	24 11 34	3 18 8	15 4 41 27 43	20 59 2	31 24 15	29 2				
M	23 1 22	12 43 5	29 21 54	4 36 27 53	21 35 2	33 24 16	29 2				
Tu	24 2 19	13 51 7	40 5 1	49 4 32 28 3	22 11 2	35 24 16	29 2				
W	25 3 17	14 58 9	49 20 01	4 27 28 12	22 47 2	37 24 17	29 2				
Th	26 4 15	16 5 11	58 4 1	28 4 23 28 22	23 23 2	39 24 18	29 1				
F	27 5 12	17 13 14	5 19 04	4 18 28 32	23 59 2	41 24 19	29 1				
S	28 6 10	18 20 16	11 3 8	46 4 14 28 41	24 35 2	43 24 20	29 1				
Su	29 7 07	19 26 18	15 18 27	4 9 28 51	25 11 2	45 24 21	29 0				
M	30 8 05	20 33 20	17 2 11	59 4 5 29 0	25 47 2	47 24 21	29 0				
Tu	31 9 02	21 40 22	16 17 17	4 1 29 9	26 23 2	49 24 22	29 0				

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

May, 1927

Full Moon May 16th, 7:03 P. M., in η $24^{\circ} 55'$

Declination of the Planets

D	S.T.	Dec.	D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂		
	H.M.	°	N	'	°	N	'	°	N	'	°	S	'	°	S	'	°	S	'	°	N	'
1	2	34	11	03	1	14	51	24	37	6	2	19	17	3	26	24	44	0	1	13	54	
2	2	38	16	07	2	15	10		46	6	45		17		21		41		1		54	
3	2	42	20	07	4	15	45	25	02	8	14		15		12		35		3		54	
4	2	45	22	47	6	16	20		14	9	45		14		03		29		5		54	
5	2	49	24	00	8	16	53		24	11	18		12	2	54		22		7		54	
6	2	53	23	49	10	17	26		32	12	52		11		46		14		9		54	
						12	17	57		36	14	25		10		37		06		11		54
7	2	57	22	21	14	18	27		38	15	58		08		29	23	57		13		54	
8	3	1	19	51	16	18	56		37	17	29		07		20		48		15		53	
9	3	5	16	30	18	19	23		33	18	55		05		12		37		17		53	
0	3	9	12	32	20	19	50		27	20	16		03		04		27		18		53	
1	3	13	8	8	22	20	14		18	21	31		02	1	57		15		20		53	
2	3	17	3	26	24	20	38		06	22	36		00		49		03		22		52	
3	3	21	1 s	23	26	21	00	24	52	23	32	18	59		42	22	50		23		52	
					28	21	21		35	24	17		57		34		37		25		51	
4	3	25	6	12	30	21	40		16	24	51		56		27		23		27		51	

				Latitude of the Planets																
				D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂				
53	29	10	49																	
63	33	15	05																	
73	37	18	46	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂				
83	41	21	39	°	°	S	°	N	°	S	°	N	°	S	°	N				
93	45	23	31	1	3	53	1	47	2	21	2	5	1	3	1	33	0	43	0	28
03	49	24	10	2	2	53		49		16		5		4		33		43		28
				4	0	30		54		5		5		4		32		43		28
13	53	23	29	6	1	N53		58	1	51		5		4		32		43		28
23	56	21	28	8	3	45	2	2		36		5		5		31		43		28
34	0	18	12	10	4	53		6		19		5		5		31		43		28
44	4	13	53	12	5	09		10		0		5		5		30		43		28
54	8	8	43	14	4	32		13	0	41		5		6		30		43		28
64	12	3	00	16	3	07		16		20		5		6		29		43		28
74	16	2	N 57	18	1	05		18	N 1			5		6		29		43		28
				20	1	s14		20		22		5		7		28		43		28
84	20	8	47	22	3	23		22		42		5		7		27		43		28
94	24	14	07	24	4	50		23	1	1		5		7		27		43		28
04	28	18	35	26	5	12		24		19		5		8		26		43		28
				28	4	15		25		34		5		8		25		43		28
14	32	21	52	30	2	13		25		46		5		9		25		43		28

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

June, 1927

New Moon (Total Eclipse of Sun) June 29th, 6:32 A. M., in φ 6° 30'
Longitude of the Planets

Day	☉ ♈	♀ ♊	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈
W	1 10 00	22 46	24 14	1 15	3 R56	29 19	27 0	2 51	24 23	28 5	
Th	2 10 58	23 52	26 9	14 50	3 52	29 27	27 36	2 52	24 23	28 5	
F	3 11 55	24 58	28 02	28 02	3 47	29 35	28 12	2 54	24 24	28 5	
S	4 12 52	26 4	29 52	10 52	3 43	29 44	28 48	2 56	24 25	28 4	
Su	5 13 50	27 9	1 40	23 23	3 39	29 52	29 25	2 57	24 26	28 4	
M	6 14 47	28 15	3 25	5 37	3 34	0 1	0 1	2 59	24 27	28 4	
Tu	7 15 45	29 20	5 8	17 40	3 30	0 9	0 37	3 0	24 28	28 4	
W	8 16 42	0 25	6 47	29 35	3 26	0 17	1 14	3 2	24 29	28 3	
Th	9 17 40	1 30	8 24	11 28	3 21	0 25	1 50	3 3	24 30	28 3	
F	10 18 37	2 34	9 59	23 23	3 17	0 33	2 27	3 5	24 31	28 2	
S	11 19 34	3 39	11 31	5 23	3 13	0 40	3 3	3 6	24 32	28 2	
Su	12 20 32	4 43	12 59	17 32	3 9	0 48	3 39	3 7	24 34	28 2	
M	13 21 29	5 46	14 25	29 52	3 5	0 55	4 16	3 9	24 35	28 2	
Tu	14 22 26	6 50	15 49	12 23	3 0	1 2	4 52	3 11	24 36	28 1	
W	15 23 23	7 53	17 9	25 13	2 56	1 9	5 29	3 12	24 38	28 1	
Th	16 24 21	8 56	18 27	8 13	2 52	1 16	6 5	3 12	24 39	28 1	
F	17 25 18	9 59	19 41	21 32	2 49	1 23	6 42	3 13	24 40	28 0	
S	18 26 15	11 1	20 53	5 03	2 45	1 30	7 19	3 14	24 42	28 0	
Su	19 27 12	12 4	22 01	18 46	2 41	1 36	7 55	3 15	24 43	28 0	
M	20 28 10	13 6	23 7	2 40	2 37	1 42	8 32	3 16	24 44	27 5	
Tu	21 29 07	14 7	24 9	16 43	2 33	1 48	9 8	3 17	24 45	27 5	
W	22 0 04	15 8	25 8	0 54	2 29	1 54	9 45	3 18	24 47	27 5	
Th	23 1 01	16 9	26 4	15 10	2 26	2 0	10 22	3 19	24 48	27 4	
F	24 1 59	17 10	26 56	29 28	2 22	2 6	10 58	3 19	24 50	27 4	
S	25 2 56	18 10	27 44	13 45	2 19	2 11	11 35	3 20	24 52	27 4	
Su	26 3 53	19 10	28 29	27 58	2 15	2 16	12 12	3 21	24 53	27 3	
M	27 4 50	20 10	29 11	12 04	2 12	2 22	12 49	3 21	24 55	27 3	
Tu	28 5 48	21 9	29 48	25 57	2 8	2 26	13 25	3 22	24 56	27 3	
W	29 6 45	22 8	0 21	9 37	2 5	2 31	14 2	3 22	24 58	27 2	
Th	30 7 42	23 7	0 50	22 59	2 2	2 36	14 39	3 23	24 59	27 2	

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

June, 1927

Full Moon (Total Eclipse of the Moon)

June 15th., 8:19 A. M. in \downarrow $23^{\circ} 14'$

Declination of the Planets

14	5	27	20	54	Latitude of the Planets																				
15	5	31	23	07																					
16	5	35	24	08	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
17	5	39	23	49	°	N	'	°	N	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'
18	5	43	22	07	1	0	18	2	25	1	56	2	04	1	10	1	24	0	44	0	28				
19	5	47	19	06	3	2	39		24	2			04		10		24		44		28				
20	5	51	14	59	5	4	20		23		6		04		11		23		44		28				
					7	5	11		21		6		04		11		22		44		28				
21	5	55	10	01	9	5	7		19		4		04		12		22		44		28				
22	5	59	4	29	11	4	11		16	1	58		03		12		21		44		28				
23	6	3	1	N 19	13	2	29		13		50		03		13		20		44		28				
24	6	7	7	04	15	0	15		9		38		03		13		20		44		28				
25	6	11	12	27	17	2	S 07		4		24		03		14		19		44		28				
26	6	14	17	08	19	4	06	1	59		08		02		14		18		44		28				
27	6	18	20	49	21	5	11		53	0	48		02		15		18		44		28				
					23	5	03		47		27		02		15		17		44		28				
28	6	22	23	12	25	3	41		40		03		02		16		16		44		28				
29	6	26	24	10	27	1	27		33	S	23		01		16		16		44		28				
30	6	30	23	42	29	1	N 04		25		51		01		17		15		44		28				

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

July, 1927

New Moon July 28th, 5:36 P. M. in Ω $4^{\circ} 38'$

Longitude of the Planets

Day	☉ ♌	♀ ♍	♂ ♎	♃ ♏	♅ ♐	♄ ♑	♆ ♒	♁ ♓	♃ ♐	♅ ♑	♆ ♒	♁ ♓	♃ ♐	♅ ♑	♆ ♒	♁ ♓
F	1 8 39	24 5 1	15 6 03	1 R59	2 40 15	16 3 23	25 01	27 2								
S	2 9 37	25 3 1	35 18 50	1 56	2 45 15	53 3 24	25 03	27 1								
Su	3 10 34	26 1 1	51 1 19	1 53	2 49 16	30 3 24	25 05	27 1								
M	4 11 31	26 57 2	03 13 34	1 50	2 52 17	07 3 24	25 06	27 1								
Tu	5 12 23	27 53 2	09 25 37	1 47	2 56 17	43 3 24	25 08	27 1								
W	6 13 25	28 49 2	12 7 33	1 44	3 00 18	20 3 25	25 10	27 0								
Th	7 14 23	29 44 2	R09 19 26	1 41	3 03 18	57 3 25	25 12	27 0								
F	8 15 20	0 39 2	01 1 21	1 39	3 06 19	34 3 25	25 13	27 0								
S	9 16 17	1 33 1	50 13 22	1 36	3 09 20	12 3 25	25 15	26 5								
Su	10 17 14	2 27 1	34 25 34	1 34	3 12 20	49 3 25	25 17	26 5								
M	11 18 11	3 20 1	13 8 40	1 32	3 15 21	26 3 25	25 19	26 5								
Tu	12 19 09	4 13 0	48 20 44	1 29	3 17 22	03 3 25	25 21	26 4								
W	13 20 06	5 05 0	20 3 47	1 27	3 19 22	40 3 R24	25 23	26 4								
Th	14 21 03	5 56 29	5 48 17	1 25	3 21 23	17 3 24	25 25	26 4								
F	15 22 00	6 47 29	13 0 51	1 23	3 23 23	54 3 24	25 26	26 3								
S	16 22 57	7 37 28	36 14 49	1 21	3 25 24	31 3 24	25 28	26 3								
Su	17 23 55	8 26 27	57 28 59	1 19	3 26 25	08 3 23	25 30	26 3								
M	18 24 52	9 15 27	17 13 17	1 17	3 28 25	46 3 23	25 32	26 3								
Tu	19 25 49	10 03 26	36 27 38	1 16	3 29 26	23 3 22	25 34	26 2								
W	20 26 46	10 50 25	56 11 58	1 14	3 30 27	00 3 22	25 36	26 2								
Th	21 27 44	11 36 25	16 26 13	1 12	3 30 27	38 3 21	25 38	26 1								
F	22 28 41	12 21 24	39 10 8	1 11	3 31 28	15 3 20	25 40	26 1								
S	23 29 38	13 06 24	03 24 21	1 10	3 31 28	52 3 20	25 42	26 1								
Su	24 0 35	13 49 23	31 8 11	1 09	3 31 29	30 3 19	25 44	26 1								
M	25 1 33	14 32 23	01 21 50	1 07	3 31 0 07	3 19	25 46	26 0								
Tu	26 2 30	15 14 22	37 5 18	1 06	3 31 0 45	3 18	25 48	26 0								
W	27 3 27	15 54 22	17 18 34	1 06	3 R30	1 22	17 25	50 26 0								
Th	28 4 25	16 34 22	02 1 37	1 05	3 30 2 00	3 16	25 53	25 5								
F	29 5 22	17 12 21	52 14 27	1 04	3 29 2 37	3 15	25 55	25 5								
S	30 6 20	17 50 21	48 27 03	1 03	3 28 3 15	3 14	25 57	25 5								
Su	31 7 17	18 26 21	50 9 19	1 03	3 26 3 52	3 13	25 59	25 4								

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

July, 1927

Full Moon July 14th, 7:22 P. M., in $\text{W } 21^{\circ} 20'$

Declination of the Planets

D	S.T.	Dec.	D	☉	♀	♂	♄	♅	♁	♃
H.M.	N	N	N	N	S	S	N	N	N	N
16 34 21 55	1 23 10 14 43	18 35 18 36 0	07 17 27 0	40 13 37						
26 38 19 04	3 23 02 13 55	17 58 35	05 17 04	40 36						
36 42 15 25	5 22 52 13 07	17 24 34	02 16 41	40 35						
46 46 11 10	7 22 40 12 19	16 54 34	06 16 17	40 34						
56 50 6 34	9 22 27 11 29	16 30 33	N 02 15 53	40 33						
66 54 1 46	11 22 13 10 40	16 11 33	03 15 29	40 31						
	13 21 57 9 50	15 59 32	05 15 04	40 30						
76 58 3 s	05 15 21 39 9 00	15 53 32	06 14 39	39 29						
87 02 7 50	17 21 20 8 10	15 53 31	06 14 14	39 28						
97 06 12 20	19 20 59 7 20	16 01 31	07 13 48	39 26						
07 10 16 26	21 20 37 6 30	16 13 31	07 13 21	38 25						
17 14 19 53	23 20 14 5 41	16 31 31	07 12 55	38 24						
27 18 22 28	25 19 49 4 52	16 53 31	06 12 28	38 22						
37 22 23 56	27 19 23 4 04	16 18 31	05 12 00	36 21						
	29 18 56 3 17	17 44 31	04 11 33	36 19						
47 25 24 04	31 18 28 2 30	18 11 31	03 11 05	35 18						
57 29 22 46										
67 33 20 03										
Latitude of the Planets										
D	D	♀	♂	♄	♅	♁	♃	♃	♃	Ψ
° N	' N	' S	' N	' S	' N	' S	' N	' S	' N	
7 41 11 14	1 3 16 1 17 1	20 2 00 1 18 1	1 14 0	45 0	28					
7 45 5 44	1 3 43 08	50 2 00 18	14 45	28						
7 49 0 N 05	3 4 43 0 58 2	21 00 19	13 45	28						
7 53 5 51	7 4 54 48	51 1 59	19 12	45	28					
7 57 11 17	9 3 41 36 3	20 59	20 12	45	28					
8 01 16 05	11 1 47 24	48 58	21 11	45	28					
8 05 19 58	13 0 s 32	12 4 12	58 21	10 45	28					
8 09 22 40	15 2 51 s 01	32 57	22 09	45	28					
8 13 24 02	17 4 35 16	46 57	22 09	45	28					
8 17 24 00	19 5 13 31	55 57	23 08	45	28					
	21 4 35 46	56 56	24 07	45	28					
8 21 22 38	23 2 52 1	02 51	56 24	06 45	28					
8 25 20 07	25 0 32 19	39 55	25 06	45	28					
8 28 16 41	27 1 N 51	37 22	55 25	05 45	28					
8 32 12 35	29 3 47 56 3	59 54	26 04	46 28						
	31 4 54 2	15 33	54 27	03 46	28					

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

August, 1927

New Moon August 27th, 6:46 A. M., in $\text{m}\gamma 3^{\circ} 0'$

Longitude of the Planets

Day	☉ Ω	♀ ♍	♂ ♊	♂ ♋	♂ ♌	♂ ♍	♂ ♎	♂ ♏	♂ ♐	♂ ♑	♂ ♒
	°	°	°	°	°	°	°	°	°	°	°
M	1 8 14	19 01	21 59	21 36	1 R02	3 R25	4 30	3 R12	26 01	25 4	
Tu	2 9 12	19 35	22 14	3 38	1 02	3 23	5 07	3 11	26 03	25 4	
W	3 10 09	20 07	22 35	15 32	1 02	3 21	5 45	3 10	26 05	25 3	
Th	4 11 07	20 38	23 02	27 24	1 01	3 19	6 23	3 09	26 08	25 3	
F	5 12 04	21 08	23 36	9 m	1 01	3 17	7 00	3 08	26 10	25 3	
S	6 13 02	21 36	24 17	21 16	1 01	3 15	7 38	3 06	26 12	25 2	
Su	7 13 59	22 02	25 04	3 27	1 D02	3 12	8 16	3 05	26 14	25 2	
M	8 14 57	22 27	25 57	15 55	1 02	3 09	3 54	3 04	26 16	25 2	
Tu	9 15 54	22 50	26 56	28 42	1 02	3 06	9 31	3 02	26 18	25 1	
W	10 16 52	23 12	28 02	11 v	3 03	3 03	10 09	3 01	26 21	25 1	
Th	11 17 49	23 32	29 13	25 30	1 03	2 59	10 47	2 59	26 23	25 1	
F	12 18 47	23 49	0 Ω	30 9	1 04	2 56	11 25	2 58	26 25	25 0	
S	13 19 44	24 05	1 52	23 53	1 04	2 52	12 03	2 56	26 27	25 0	
Su	14 20 42	24 19	3 19	8 30	1 05	2 48	12 41	2 55	26 29	25 0	
M	15 21 40	24 31	4 51	23 15	1 03	2 44	13 19	2 53	26 32	25 0	
Tu	16 22 37	24 41	6 27	8 00	1 07	2 40	13 57	2 52	26 34	24 5	
W	17 23 35	24 49	8 08	22 38	1 08	2 35	14 35	2 50	26 36	24 5	
Th	18 24 33	24 54	9 52	7 03	1 09	2 31	15 13	2 48	26 38	24 5	
F	19 25 30	24 58	11 39	21 13	1 11	2 26	15 51	2 46	26 41	24 4	
S	20 26 28	24 59	13 29	5 II	05	1 12	16 29	2 45	26 43	24 4	
Su	21 27 26	24 R58	15 22	18 41	1 13	2 16	17 07	2 43	26 45	24 4	
M	22 28 24	24 54	17 17	2 02	1 15	2 11	17 45	2 41	26 47	24 3	
Tu	23 29 22	24 48	19 13	15 09	1 17	2 05	18 24	2 39	26 49	24 3	
W	24 0 m	19 24	40 21	10 28	03	1 18	1 59	19 02	2 37	26 52	24 3
Th	25 1 17	24 29	23 09	10 Ω	46	1 20	1 54	19 40	2 35	26 54	24 3
F	26 2 15	24 16	25 08	23 19	1 22	1 48	20 18	2 33	26 56	24 3	
S	27 3 13	24 01	27 07	5 m	41	1 24	1 42	20 57	2 31	26 58	24 3
Su	28 4 11	23 44	29 06	17 54	1 26	1 36	21 35	2 29	27 01	24 2	
M	29 5 09	23 24	1 m	04 29	59	1 29	1 29	22 14	2 27	27 03	24 2
Tu	30 6 07	23 02	3 03	11 56	1 31	1 23	22 52	2 25	27 05	24 2	
W	31 7 05	22 37	5 01	23 47	1 33	1 16	23 30	2 23	27 07	24 0	

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich

August, 1927

Full Moon August 13th, 4:37 A. M., in ♋ 19° 27'

Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	H. M.	°	N	°	N	°	N	°	N	°	S	°	N	°	N	°	N	°	N	°	N
1	8	36	8	02	1	18	13	2	07	18	24	18	31	0	02	10	51	0	35	13	18
2	8	40	3	15	2	17	58	1	45		36		31		01	10	36		34		17
3	8	44	1	s37	4	17	27	1	01		59		32	s01	10	08		33		15	
4	8	48	6	24	6	16	55	0	19	19	18		32		04	9	39		32		14
5	8	52	10	59	8	16	22	0	s22		32		33		06	9	10		31		12
6	8	56	15	11	10	15	47	1	00		39		33		09	8	41		30		11
					12	15	12	1	36		38		34		12	8	11		29		09
7	9	00	18	50	14	14	36	2	10		27		35		16	7	42		28		08
8	9	04	21	43	16	13	59	2	40		06		36		20	7	12		27		06
9	9	08	23	36	18	13	21	3	08	18	34		37		24	6	41		26		05
0	9	12	24	14	20	12	42	3	31	17	51		38		28	6	11		24		03
1	9	16	23	28	22	12	02	3	51	16	58		39		33	5	41		22		02
2	9	20	21	13	24	11	22	4	06	15	55		40		38	5	10		20		00
3	9	24	17	36	26	10	41	4	17	14	34		41		43	4	39		19	12	59
					28	9	59	4	23	13	26		42		48	4	08		17		57
4	9	28	12	52	30	9	16	4	24	12	03		44		53	3	37		15		56

Latitude of the Planets

				D	D	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂		
				°	N	°	S	°	S	°	N	°	S	°	N	°	S	°	N	°	S	°	N
39	4	N	35																				
39	43	10	14																				
39	47	15	15		1	5	08	2	25	3	18	1	53	1	27	1	3	0	46	0	28		
09	51	19	21		2	5	07	2	35	3	03		53		27		02		46		28		
					4	4	27	2	56	2	32		53		28		02		46		28		
19	55	22	19		6	3	00	3	17	2	00		52		28		01		46		28		
29	59	23	58		8	0	59	3	39	1	23		52		29		00		46		28		
310	03	24	14	10	1	s	20	4	01	0	56		51		29	0	59		46		28		
410	07	23	12	12	3		28	4	25	0	25		51		30		58		46		28		
510	11	20	58	14	4		50	4	49	0	N	01		50		30		58		46		28	
610	15	17	46	16	4		59	5	12	0	27		50		31		57		46		28		
710	19	13	49	18	3		51	5	36	0	49		49		31		56		46		28		
				20	1		50	6	00	1	07		49		32		55		46		28		
810	23	9	22	22	0	N	32	6	24	1	22		49		32		54		46		28		
910	27	4	36	24	2		41	6	46	1	33		48		33		53		46		28		
010	31	0	s	17	26	4	15	7	03	1	41		48		33		52		46		28		
110	35	5	08	28	4		59	7	29	1	45		47		34		52		46		28		
				30	4		49	7	48	1	46		47		34		51		46		28		

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

September, 1927

New Moon September 25th, 10:11 P. M., in $\approx 1^{\circ} 51'$

Longitude of the Planets

Day	☉ ♌	♀ ♍	♂ ♎	♃ ♏	♅ ♐	♄ ♑	♁ ♒	♂ ♓	♃ ♈	♅ ♉	♁ ♊
Th	1 8 03	22 11 6	58 5	37 1	36 1	10 24	09 2	21 27	09 24	0	0
F	2 9 01	21 42 8	54 17	28 1	38 1	03 24	48 2	19 27	12 24	0	0
S	3 9 59	21 13 10	49 29	25 1	41 0	56 25	26 2	17 27	14 24	0	0
Su	4 10 58	20 42 12	43 11	♄ 33 1	44 0	49 26	05 2	15 27	16 23	5	5
M	5 11 56	20 09 14	37 23	57 1	47 0	42 26	43 2	12 27	18 23	5	5
Tu	6 12 54	19 35 16	29 6	♃ 42 1	50 0	35 27	22 2	10 27	20 23	5	5
W	7 13 52	18 59 18	20 19	54 1	53 0	27 28	01 2	08 27	22 23	4	4
Th	8 14 50	18 23 20	10 3	♃ 34 1	56 0	20 28	39 2	06 27	25 23	4	4
F	9 15 49	17 47 21	58 17	42 1	59 0	12 29	18 2	03 27	27 23	4	4
S	10 16 47	17 10 23	46 2	♃ 18 2	02 0	05 29	57 2	01 27	29 23	3	3
Su	11 17 45	16 33 25	32 17	13 2	06 29	♃ 57 0	♄ 36 1	59 27	31 23	2	2
M	12 18 44	15 56 27	18 2	♄ 20 2	09 29	49 1	15 1	56 27	33 23	3	3
Tu	13 19 42	15 19 29	02 17	28 2	13 29	42 1	53 1	54 27	35 23	2	2
W	14 20 40	14 43 0	♄ 45 2	♃ 27 2	16 29	34 2	32 1	52 27	37 23	2	2
Th	15 21 39	14 08 2	27 17	09 2	20 29	26 3	11 1	49 27	39 23	2	2
F	16 22 37	13 34 4	8 1	♄ 29 2	24 29	18 3	50 1	47 27	41 23	1	1
S	17 23 36	13 01 5	48 15	26 2	28 29	10 4	29 1	45 27	43 23	1	1
Su	18 24 34	12 30 7	26 28	59 2	32 29	02 5	08 1	42 27	45 23	1	1
M	19 25 33	12 00 9	04 12	♄ 12 2	36 28	54 5	47 1	40 27	47 23	0	0
Tu	20 26 32	11 33 10	41 25	06 2	40 28	46 6	27 1	37 27	49 23	0	0
W	21 27 30	11 7 12	17 7	♄ 46 2	44 28	38 7	06 1	35 27	51 23	0	0
Th	22 28 29	10 43 13	52 20	14 2	48 28	30 7	45 1	33 27	53 22	0	0
F	23 29 28	10 21 15	26 2	♄ 32 2	53 28	22 8	24 1	30 27	55 22	0	0
S	24 0 27	10 02 16	58 14	42 2	57 28	14 9	03 1	28 27	57 22	0	0
Su	25 1 25	9 45 18	30 26	45 3	01 28	06 9	43 1	25 27	59 22	0	0
M	26 2 24	9 30 20	01 8	♄ 42 3	06 27	59 10	22 1	23 28	01 22	4	4
Tu	27 3 23	9 18 21	32 20	35 3	11 27	50 11	02 1	21 28	03 22	4	4
W	28 4 22	9 08 23	01 2	♄ 25 3	15 27	42 11	41 1	18 28	05 22	3	3
Th	29 5 21	9 00 24	29 14	14 3	20 27	34 12	20 1	16 28	07 22	3	3
F	30 6 20	8 55 25	56 26	05 3	25 27	27 13	00 1	13 28	09 22	3	3

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

September, 1927

Full Moon September 11th, 0:54 P. M., in \times 17° 47'

Declination of the Planets

S.T.	Dec.	D	D	☉	♀	♂	♄	♅	♆	♁	♂	♁	♂	♁	♂	♁	♂	♁
H.M.	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'
1	10 39	9	48	1	8	33	4	20	10	35	18	45	0	59	3	06	0	13
2	10 43	14	07	3	7	50	4	10	9	04	47	1	05	2	34	12	53	
3	10 46	17	56	5	7	06	3	55	7	31	48		10	2	03	10	51	
4	10 50	21	03	7	6	21	3	35	5	57	50		17	1	31	08	50	
5	10 54	23	15	9	5	36	3	11	4	23	52		23	0	59	06	49	
6	10 58	24	21	11	4	51	2	43	2	48	53		29	0	28	05	47	
				13	4	05	2	12	1	14	55		35	0	s04	03	46	
7	11 02	24	07	15	3	19	1	38	0	s23	57		42	0	36	01	44	
8	11 06	22	27	17	2	33	1	04	1	51	59		48	1	08	s01	43	
9	11 10	19	22	19	1	46	0	28	3	21	19	01	55	1	39	02	42	
0	11 14	15	00	21	1	00	0	N07	4	50	03	2	01	2	11	04	40	
1	11 18	9	37	23	0	13	0	41	6	16	05		07	2	43	06	39	
2	11 22	3	37	25	0	s34	1	14	7	41	07		14	3	15	08	38	
3	11 26	2	N 37	27	1	21	1	44	9	03	09		20	3	47	10	36	
				29	2	07	2	12	10	23	11		26	4	18	11	35	
4	11 30	8	40	Latitude of the Planets														
5	11 34	14	06	D	D	♀	♂	♄	♅	♆	♁	♂	♁	♂	♁	♂	♁	
6	11 38	18	38	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'
7	11 42	21	58	1	3	49	8	05	1	45	1	46	1	34	0	50	0	46
8	11 46	23	56	3	2	09	19	41	46	35	49	46	46	28				
9	11 50	24	31	5	0	03	30	35	45	35	48	46	46	28				
0	11 54	23	44	7	2	s10	38	27	45	35	47	46	46	28				
1	11 57	21	44	9	4	02	42	18	44	36	46	46	46	28				
2	12 01	18	44	11	4	58	42	07	44	36	45	46	46	28				
3	12 05	14	57	13	4	35	39	0	55	44	36	44	46	28				
4	12 09	10	35	15	2	59	32	43	43	36	44	46	46	28				
5	12 13	5	52	17	0	42	22	30	43	36	43	46	46	28				
6	12 17	0	57	19	1	N38	08	16	42	36	42	46	46	28				
7	12 21	3	s 58	21	3	31	7	52	02	36	41	46	46	28				
				23	4	41	33	s13	41	37	40	46	46	28				
8	12 25	8	44	25	4	59	13	28	41	37	39	46	46	28				
9	12 29	13	11	27	4	24	6	51	43	41	37	38	46	29				
0	12 33	17	10	29	3	04	28	57	40	37	37	46	46	29				

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

October, 1927

New Moon October 25th, 3:37 P. M., in η $1^{\circ} 14'$

Longitude of the Planets

Day	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂									
	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂									
S	17	19	8	R53	27	22	8	02	3	30	27	R19	13	39	1	R11	28	10	22	
Su	28	18	8	52	28	48	20	08	3	35	27	11	14	19	1	09	28	12	22	
M	39	17	8	D54	0m	12	2	W29	3	40	27	03	14	59	1	06	28	14	22	
Tu	4	10	16	8	58	1	35	15	10	3	45	26	56	15	38	1	04	28	16	22
W	5	11	15	9	05	2	57	28	16	3	50	26	48	16	18	1	02	28	18	22
Th	6	12	14	9	14	4	18	11	W50	3	55	26	41	16	58	0	59	28	19	22
F	7	13	14	9	25	5	38	25	54	4	01	26	33	17	37	0	57	28	21	22
S	8	14	13	9	39	6	57	10	X27	4	06	26	26	18	17	0	55	28	23	22
Su	9	15	12	9	54	8	14	25	25	4	11	26	18	18	57	0	52	28	24	22
M	10	16	11	10	11	9	30	10	V40	4	17	26	12	19	37	0	50	28	26	22
Tu	11	17	11	10	30	10	45	25	59	4	22	26	05	20	17	0	48	28	28	21
W	12	18	10	10	51	11	58	11	X13	4	28	25	58	20	57	0	45	28	29	21
Th	13	19	10	11	14	13	10	26	12	4	34	25	51	21	37	0	43	28	31	21
F	14	20	09	11	39	14	19	10	II47	4	39	25	45	22	17	0	41	28	32	21
S	15	21	08	12	06	15	27	24	55	4	45	25	38	22	57	0	39	28	34	21
Su	16	22	08	12	34	16	33	8	Σ36	4	51	25	32	23	37	0	36	28	35	21
M	17	23	07	13	04	17	36	21	51	4	57	25	25	24	17	0	34	28	37	21
Tu	18	24	07	13	35	18	37	4	Ω44	5	03	25	19	24	57	0	32	28	38	21
W	19	25	06	14	08	19	36	17	18	5	09	25	13	25	38	0	30	28	39	21
Th	20	26	06	14	42	20	31	29	38	5	15	25	08	26	18	0	28	28	41	21
F	21	27	06	15	17	21	23	11	mp47	5	21	25	02	26	58	0	26	28	42	21
S	22	28	05	15	54	22	11	23	48	5	27	24	56	27	38	0	24	28	44	21
Su	23	29	05	16	33	22	55	5	Σ43	5	33	24	51	28	19	0	22	28	45	21
M	24	0m	05	17	12	23	35	17	36	5	39	24	46	28	59	0	20	28	46	21
Tu	25	1	05	17	53	24	09	29	26	5	45	24	41	29	40	0	18	28	47	21
W	26	2	05	18	34	24	39	11	m17	5	52	24	36	0m	20	0	16	28	49	21
Th	27	3	05	19	17	25	02	23	09	5	58	24	31	1	01	0	14	28	50	21
F	28	4	05	20	01	25	18	5	105	6	04	24	27	1	41	0	12	28	51	21
S	29	5	04	20	46	25	28	17	07	6	11	24	22	2	22	0	10	28	52	21
Su	30	6	04	21	32	25	29	29	18	6	17	24	18	3	03	0	08	28	53	20
M	31	7	04	22	19	25	R23	11	V42	6	24	24	14	8	44	0	07	28	54	20

[illegible]

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

November, 1927

New Moon November 24th, 10:09 A. M., in \uparrow $1^{\circ} 8'$

Longitude of the Planets

Day	☉ ♌	♀ ♍	♂ ♎	♄ ♏	♃ ♐	♅ ♑	♆ ♒	♁ ♓	♁ ♓	♁ ♓	♁ ♓	♁ ♓
	°	°	°	°	°	°	°	°	°	°	°	°
Tu	1 8 04	23 06	25 07	24 23	6 30	24 11	4 24	0 05	28 55	20 5		
W	2 9 05	23 55	24 42	7 24	6 37	24 07	5 05	0 03	28 56	20 4		
Th	3 10 05	24 44	24 07	20 50	6 43	24 04	5 46	0 01	28 57	20 4		
F	4 11 05	25 35	23 23	4 43	6 50	24 00	6 27	0 00	28 58	20 4		
S	5 12 05	26 26	22 30	19 03	6 57	23 57	7 08	29 58	28 59	20 4		
Su	6 13 05	27 18	21 28	3 47	7 03	23 55	7 49	29 57	29 00	20 3		
M	7 14 05	28 10	20 20	18 50	7 10	23 52	8 30	29 55	29 01	20 3		
Tu	8 15 05	29 03	19 05	4 03	7 17	23 50	9 11	29 53	29 02	20 2		
W	9 16 06	29 57	17 48	19 17	7 24	23 47	9 52	29 52	29 03	20 2		
Th	10 17 06	0 52	16 29	4 20	7 30	23 45	10 33	29 51	29 04	20 2		
F	11 18 06	1 47	15 12	19 04	7 37	23 44	11 14	29 49	29 04	20 2		
S	12 19 07	2 43	13 58	3 23	7 44	23 42	11 55	29 48	29 05	20 1		
Su	13 20 07	3 39	12 51	17 15	7 51	23 41	12 37	29 47	29 05	20 1		
M	14 21 07	4 36	11 51	0 39	7 58	23 39	13 18	29 45	29 06	20 1		
Tu	15 22 08	5 34	11 01	13 38	8 05	23 38	13 59	29 44	29 07	20 0		
W	16 23 08	6 32	10 22	26 16	8 12	23 38	14 41	29 43	29 07	20 0		
Th	17 24 09	7 31	9 55	8 35	8 19	23 37	15 22	29 42	29 08	20 0		
F	18 25 09	8 30	9 39	20 41	8 26	23 37	16 04	29 41	29 08	19 5		
S	19 26 10	9 29	9 34	2 38	8 33	23 37	16 45	29 40	29 08	19 5		
Su	20 27 10	10 29	9 14	30 8	8 40	23 37	17 27	29 39	29 08	19 5		
M	21 28 11	11 30	9 57	26 20	8 47	23 37	18 08	29 38	29 09	19 4		
Tu	22 29 12	12 31	10 24	8 11	8 54	23 37	18 50	29 37	29 10	19 4		
W	23 0 12	13 32	10 58	20 05	9 01	23 38	19 32	29 36	29 10	19 4		
Th	24 1 13	14 34	11 40	2 04	9 08	23 39	20 13	29 36	29 10	19 4		
F	25 2 14	15 36	12 29	14 09	9 15	23 40	20 55	29 35	29 11	19 3		
S	26 3 15	16 39	13 24	26 24	9 22	23 41	21 37	29 34	29 11	19 3		
Su	27 4 15	17 42	14 24	8 48	9 29	23 43	22 19	29 33	29 11	19 2		
M	28 5 16	18 45	15 29	21 24	9 36	23 44	23 01	29 33	29 11	19 2		
Tu	29 6 17	19 48	16 38	4 15	9 43	23 46	23 43	29 32	29 11	19 2		
W	30 7 18	20 52	17 50	17 22	9 51	23 49	24 25	29 32	29 11	19 2		

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

November, 1927

Full Moon November 9th, 6:36 A. M., in γ $15^{\circ} 52'$

Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♄	♅	♆	♁	♂	♁	♂
H. M.	° S	1	° S	° S	° N	° S	° S	° S	° S	° S	° S	° N	° N
1	14 39	24	11	1 14 12	2 17 21	27 19 50	3 43 12	41 0 40	12 19				
2	14 43	22	9	2 14 31	2 5 21	10 51 44	12 55 40		18				
3	14 47	18	52	4 15 9	1 39 20	24 54 47	13 23 41		18				
4	14 51	14	27	6 15 46	1 12 19	23 56 49	13 51 43		17				
5	14 55	9	6	8 16 22	0 43 18	7 58 50	14 18 44		17				
6	14 59	3	6	10 16 57	0 12 16	43 20 1	14 45 45		16				
				12 17 30	0 s 21 15	21 4 52	15 12 46		16				
7	15 3 3	N 12	14	18 3 0	56 14 8	6 53 15	38 47 15						
8	15 7 9	25	16	18 34 1	31 13 13	8 53 16	4 48 15						
9	15 11 15	4	18	19 4 2	9 12 40	11 53 16	29 49 15						
0	15 15 19	43	20	19 32 2	47 12 28	13 52 16	54 50 14						
1	15 19 23	1	22	19 59 3	26 12 36	15 52 17	18 50 14						
2	15 22 24	43	24	20 25 4	6 12 59	18 51 17	42 51 14						
3	15 26 24	48	26	20 49 4	48 13 34	20 49 18	5 51 14						
			28	21 11 5	29 14 17	22 47 18	28 52 14						
4	15 30 23	25	30	21 32 6	11 15 6	24 45 18	50 52 14						

5 15 34 20 50

6 15 38 17 18

Latitude of the Planets

D	D	♀	♂	♄	♅	♆	♁	♂	♁	♂
° S	° S	° S	° N	° S	° N	° S	° N	° S	° N	° N
7 15 42 13	8									
8 15 46 8	30	1 2 59	0 30 2	27 1 35	1 32 0	20 0 46	0 29			
9 15 50 3	37	2 3 51	0 22 2	16 35 32	19 46 29					
0 15 54 1 s	22	4 5 10	7 1 49	35 31 18	46 29					
1 15 58 6	17	6 5 10	N 8 1 16	35 31 17	46 29					
2 16 2 11	0	8 3 41	0 22 0	38 34 30	16 46 30					
3 16 6 15	20	10 1 19	0 35 0	N 3 34 30	15 46 30					
4 16 10 19	6	12 1 N	18 0 47 0	43 34 29	14 45 30					
5 16 14 22	6	14 3 29	0 59 1	18 34 29	13 45 30					
6 16 18 24	7	16 4 50	1 10 1	47 34 28	11 45 30					
7 16 22 24	58	18 5 14	1 20 2	8 34 28	10 45 30					
		20 4 44	1 29 2	21 33 27	9 45 30					
8 16 26 24	34	22 3 25	1 38 2	27 33 27	8 45 30					
9 16 30 23	52	24 1 30	1 46 2	28 33 26	7 45 30					
0 16 33 19	56	26 0 s	43 1 54 2	24 33 26	5 45 30					
		28 2 52	2 0 2	17 33 25	4 45 30					
		30 4 31	2 7 2	7 33 25	3 45 30					

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

December, 1927

New Moon (Partial Eclipse of Sun) Dec. 24th, 4:13 A. M., in ϖ $1^{\circ} 2'$

Longitude of the Planets

Day	☉ ♌	♀ ♍	♂ ♎	♄ ♏	♅ ♐	♆ ♑	♇ ♒	♈ ♓	♁ ♊	♂ ♋	♁ ♌	♂ ♍	♁ ♎	♂ ♏	♁ ♐	♁ ♑	♁ ♒	♁ ♓				
Th	18	18	21	57	19	05	0	47	9	58	23	51	25	07	29	R31	29	11	19	1		
F	29	19	23	01	20	22	14	32	10	05	23	53	25	49	29	31	29	11	19	1		
S	310	20	24	06	21	42	23	37	10	12	23	56	26	31	29	31	29	11	19	1		
Su	411	21	25	11	23	03	13	♄	01	10	19	23	59	27	13	29	30	29	11	19	0	
M	512	22	26	16	24	26	27	40	10	26	24	02	27	55	29	30	29	11	19	0		
Tu	613	23	27	22	25	51	12	♄	31	10	33	24	05	28	33	29	30	29	11	19	0	
W	714	24	28	28	27	16	27	25	10	40	24	09	29	20	29	30	29	11	18	5		
Th	815	25	29	34	28	43	12	♄	15	10	47	24	13	0	♄	29	30	29	11	18	5	
F	916	26	0	♄	41	0	♄	26	53	10	55	24	17	0	45	29	30	29	R10	18	5	
S	1017	26	1	47	1	38	11	♄	12	11	02	24	21	1	27	29	30	29	10	18	4	
Su	1118	27	2	54	3	07	25	09	11	09	24	25	2	10	29	30	29	10	18	4		
M	1219	28	4	02	4	36	8	♄	40	11	16	24	29	2	52	29	30	29	10	18	4	
Tu	1320	29	5	09	6	06	21	47	11	23	24	34	3	35	29	30	29	09	18	3		
W	1421	30	6	17	7	36	4	♄	30	11	30	24	39	4	17	29	30	29	09	18	3	
Th	1522	31	7	24	9	07	16	54	11	37	24	44	5	00	29	R31	29	08	18	3		
F	1623	33	8	32	10	37	29	02	11	44	24	49	5	43	29	31	29	08	18	2		
S	1724	34	9	41	12	09	11	♄	00	11	51	24	55	6	25	29	31	29	07	18	2	
Su	1825	35	10	49	13	40	22	51	11	58	25	00	7	08	29	32	29	07	18	2		
M	1926	36	11	58	15	12	4	♄	40	12	05	25	06	7	51	29	32	29	06	18	1	
Tu	2027	37	13	07	16	43	16	32	12	12	25	12	8	31	29	33	29	06	18	1		
W	2128	38	14	15	18	16	28	30	12	19	25	16	9	17	29	33	29	05	18	1		
Th	2229	39	15	25	19	48	10	♄	37	12	26	25	24	10	00	29	34	29	04	18	1	
F	230	♄	40	16	34	21	22	55	12	33	25	31	10	43	29	35	29	04	18	0		
S	241	41	17	43	22	53	5	♄	26	12	40	25	37	11	26	29	35	29	03	18	0	
Su	252	43	18	53	24	26	18	10	12	46	25	44	12	00	29	36	29	02	18	0		
M	263	44	20	03	26	00	1	♄	08	12	53	25	51	12	52	29	37	29	01	17	5	
Tu	274	45	21	12	27	33	14	20	13	00	25	58	13	35	29	38	29	01	17	5		
W	285	46	22	22	29	07	27	45	13	07	26	05	14	18	29	39	29	00	17	5		
Th	296	47	23	32	0	♄	41	11	♄	22	13	14	26	13	15	02	29	40	28	59	17	4
F	307	48	24	43	2	15	25	10	13	20	26	20	15	45	29	41	28	58	17	4		
S	318	50	25	53	3	50	9	♄	10	13	27	26	28	16	28	29	42	28	57	17	4	

EPHEMERIS OF THE PLANETS' PLACES

SIMPLIFIED SCIENTIFIC

Calculated for Mean Noon at Greenwich

December, 1927

Full Moon (Total Eclipse of Moon), Dec. 8th, 5:32 P. M., in Π $15^{\circ} 3'$

Declination of the Planets

D	S.T.	Dec.	D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂
H.M.	°	S	'	°	S	'	°	S	'	°	S	'	°	S	'
1	16 37 15	54	1	21 42 6	33	15 32	20 25 3	44 19 0	0	52	12 14				
2	16 41 10	57	2	21 51 6	54	15 59	27	43 19 11		52	14				
3	16 45 5	20	4	22 9 7	37	16 53	29	40 19 32		53	14				
4	16 49 0	N 42	6	22 25 8	20	17 47	31	37 19 52		53	14				
5	16 53 6	48	8	22 39 9	4	18 40	33	34 20 11		53	14				
6	16 57 12	37	10	22 51 9	47	19 31	35	30 20 30		53	15				
			12	23 2 10	30	20 19	37	26 20 48		53	15				
7	17 1 17	43	14	11 11 13	21 5	39	22 21 6		52	15					
8	17 5 21	41	16	17 11 55	21 47	41	17 22		52	15					
9	17 9 24	10	18	22 12 37	22 25	43	12 38		52	16					
10	17 13 25	00	20	23 13 18	23 0	45	7 53		51	16					
11	17 17 24	13	22	27 13 59	29	46	2 22 8		51	17					
12	17 21 22	01	24	20 14 38	55	48 2	53 21		50	17					
13	17 25 18	43	26	24 15 17	24 15	50	51 34		50	18					
			28	19 15 55	30	52	44 46		49	18					
14	17 29 14	33	30	13 16 31	40	53	38 56		48	19					

17 33 10 02
17 37 5 09

Latitude of the Planets

D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
°	S	'	°	N	'	°	N	'	°	S	'	°	N	'	°
17 44 4	s 49	1 5	2 2	9 2	2 1	33 1	24 0	3 0	45 0	30					
17 48 9	37	1 5	2 2	9 2	2 1	33 1	24 0	3 0	45 0	30					
17 52 14	05	2 5	16	12 1	56	33	24	2	45	30					
		4 4	49	17	43	32	23	1	45	30					
17 56 18	03	6 3	8	21	29	32	23 0	0	45	30					
18 0 21	18	8 0	33	25	15	32	22 0	s 2	45	30					
18 4 23	39	10 2	N 2	26 1	0	32	22	3	44	30					
18 8 24	51	12 4	3	31 0	45	32	21	4	44	30					
18 12 24	47	14 5	8	33	30	32	21	5	44	31					
18 16 23	23	16 5	12	34	16	32	20	7	44	31					
18 20 20	42	18 4	23	35	1	32	20	8	44	31					
		20 2	49	35 0	s 13	32	19	9	44	31					
18 24 16	52	22 0	45	35	26	32	19	10	44	31					
18 28 12	08	24 1	s 31	35	39	32	18	12	44	31					
18 32 6	43	26 3	33	34	52	32	18	13	44	31					
18 36 0	54	28 4	55	32 1	3	32	17	14	44	31					
		30 5	13	31	14	32	17	15	44	31					

TABLE OF PROPORTIONAL LOGARITHMS

Hours or Degrees

Min.	0	1	2	3	4	5	6	7	8	9	10	11
0	3.1584	1.3802	1.0792	9031	7781	6812	6021	5351	4771	4260	3802	3388
1	3.1584	.3730	.0756	07	63	6798	09	41	62	52	3795	82
2	2.8573	.3660	.0720	8983	45	84	5997	30	53	44	88	75
3	.6812	.3590	.0685	59	28	69	85	20	44	36	80	68
4	.5563	.3522	.0649	8935	10	55	73	10	35	28	73	62
5	2.4594	1.3454	1.0614	8912	7692	6741	5961	5300	4726	4220	3766	3355
6	.3802	.3388	.0580	8888	74	26	49	5289	17	12	59	49
7	.3133	.3323	.0546	65	57	12	37	79	08	04	52	42
8	.2553	.3258	.0511	42	39	6698	25	69	4699	4196	45	36
9	.2041	.3195	.0478	19	22	84	13	59	90	88	38	29
10	2.1584	1.3133	1.0444	8796	7604	6670	5902	5249	4682	4180	3730	3323
11	.1170	.3071	.0411	73	7587	56	5890	39	73	72	23	16
12	.0792	.3010	.0378	51	70	42	78	29	64	64	16	10
13	.0444	.2950	.0345	28	52	28	66	19	55	56	09	03
14	.0122	.2891	.0313	06	35	14	55	09	46	49	02	3297
15	1.9823	1.2833	1.0280	8683	7518	6600	5843	5199	4638	4141	3695	3291
16	.9542	.2775	.0248	61	01	6587	32	89	29	33	88	84
17	.9279	.2719	.0216	39	7484	73	20	79	20	25	81	78
18	.9031	.2663	.0185	17	67	59	09	69	11	17	74	71
19	.8796	.2607	.0153	8595	51	46	5797	59	03	09	67	65
20	1.8573	1.2553	1.0122	8573	7434	6532	5786	5149	4594	4102	3660	3258
21	.8361	.2499	.0091	52	17	19	74	39	85	4094	53	52
22	.8159	.2445	.0061	30	01	05	63	29	77	86	46	46
23	.7966	.2393	.0030	09	7384	6492	52	20	68	79	39	39
24	.7781	.2341	1.0000	8487	68	78	40	10	59	71	32	33
25	1.7604	1.2289	0.9970	8466	7351	6465	5729	5100	4551	4063	3625	3227
26	.7434	.2239	.9940	45	35	51	18	5090	42	55	18	20
27	.7270	.2188	.9910	24	18	38	06	81	34	48	11	14
28	.7112	.2139	.9881	03	02	25	5695	71	25	40	04	08
29	.6960	.2090	.9852	8382	7286	12	84	61	16	32	3597	01
30	1.6812	1.2041	0.9823	8361	7270	6398	5673	5051	4508	4025	3590	3195
31	.6670	.1993	.9794	41	54	85	62	42	4499	17	83	89
32	.6532	.1946	.9765	21	38	72	51	32	91	10	77	83
33	.6398	.1899	.9737	00	22	59	40	23	82	02	70	76
34	.6269	.1852	.9708	8279	06	46	29	13	74	3995	63	70
35	1.6143	1.1806	0.9680	8259	7190	6333	5618	5003	4466	3987	3556	3164
36	.6021	.1761	.9652	39	74	20	07	4994	57	79	49	57
37	.5902	.1716	.9625	19	59	07	5596	84	49	72	42	51
38	.5786	.1671	.9597	8199	43	6294	85	75	40	64	35	45
39	.5673	.1627	.9570	79	28	82	74	65	32	57	29	39
40	1.5563	1.1584	0.9542	8159	7112	6269	5563	4956	4424	3949	3522	3133
41	.5456	.1540	.9515	40	7097	56	52	47	15	42	15	26
42	.5351	.1498	.9488	20	81	43	41	37	07	34	08	20
43	.5249	.1455	.9462	01	66	31	31	28	4399	27	01	14
44	.5149	.1413	.9435	8081	50	18	20	18	90	19	3495	08
45	1.5051	1.1372	0.9409	8062	7035	6205	5509	4909	4382	3912	3488	3102
46	.4956	.1331	.9383	43	20	6193	5498	00	74	05	81	3096
47	.4863	.1290	.9356	23	05	80	88	4890	65	3897	75	89
48	.4771	.1249	.9330	04	6990	68	77	81	57	90	68	83
49	.4682	.1209	.9305	7985	75	55	66	72	49	82	61	77
50	1.4594	1.1170	0.9279	7966	6960	6143	5456	4863	4341	3875	3455	3071
51	.4508	.1130	.9254	47	45	31	45	53	33	68	48	65
52	.4424	.1091	.9228	29	30	18	35	44	24	60	41	59
53	.4341	.1053	.9203	10	15	06	24	35	16	53	35	53
54	.4260	.1015	.9178	7891	00	6094	14	26	08	46	28	47
55	1.4180	1.0977	0.9153	7873	6885	6081	5403	4817	4300	3838	3421	3041
56	.4102	.0939	.9128	54	71	69	5393	08	4292	31	15	35
57	.4025	.0902	.9104	36	56	57	82	4799	84	24	08	28
58	.3949	.0865	.9079	18	41	45	72	89	76	17	01	22
59	.3875	.0828	.9055	00	27	33	61	80	68	09	3395	16

TABLE OF PROPORTIONAL LOGARITHMS

Hours or Degrees

Min.	12	13	14	15	16	17	18	19	20	21	22	23
0	3010	2663	2341	2041	1761	1498	1249	1015	0792	0580	0378	0185
1	04	57	36	36	56	93	45	11	88	77	75	82
2	2998	52	30	32	52	89	41	07	85	73	71	79
3	92	46	25	27	47	85	37	03	81	70	68	75
4	86	41	20	22	43	81	34	0999	77	66	64	72
5	2980	2635	2315	2017	1738	1476	1229	0996	0774	0563	0361	0169
6	74	29	10	12	34	72	25	92	70	59	58	66
7	68	24	05	08	29	68	21	88	66	56	55	63
8	62	18	00	03	25	64	17	84	63	52	52	60
9	56	13	2295	1998	20	60	13	80	59	49	48	57
10	2950	2607	89	1993	1716	1455	1209	0977	0756	0546	0345	0153
11	45	02	84	89	11	51	05	73	52	42	42	50
12	38	2596	79	84	07	47	01	69	49	39	39	47
13	33	91	74	79	02	43	1197	65	45	35	35	44
14	27	85	69	74	1698	38	93	62	42	32	32	41
15	2921	2580	2264	1969	1694	1434	1189	0958	0738	0529	0329	0138
16	15	75	59	65	89	30	85	54	34	25	26	35
17	09	69	54	60	85	26	82	50	31	22	22	32
18	03	64	49	55	80	22	78	47	27	18	19	29
19	2897	58	44	50	76	17	74	43	24	15	16	25
20	2891	2553	2239	1946	1671	1413	1170	0939	0720	0511	0313	0122
21	85	47	34	41	67	09	66	35	17	08	09	19
22	80	42	29	36	63	05	62	32	13	05	06	16
23	74	36	23	32	58	01	58	28	09	01	03	13
24	68	31	18	27	54	1397	54	24	06	0498	00	10
25	2862	2526	2213	1922	1649	1393	1150	0920	0702	0495	0296	0107
26	56	20	08	17	46	88	46	17	0699	91	92	04
27	50	15	03	13	40	84	42	13	95	88	90	01
28	45	09	2198	08	36	80	38	09	92	85	87	0098
29	39	04	93	03	32	76	34	05	88	81	83	94
30	2833	2499	2188	1899	1627	1372	1130	0902	0685	0478	0280	0091
31	27	93	83	94	23	68	26	0898	81	74	77	88
32	21	88	78	90	19	63	23	94	78	71	74	85
33	16	83	73	85	14	59	19	91	74	68	71	82
34	10	77	68	80	10	55	15	87	70	64	67	79
35	2804	2472	2164	1875	1605	1351	1111	0883	0667	0461	0264	0076
36	2798	67	59	71	01	47	07	80	64	58	61	73
37	93	61	54	66	1597	43	03	76	60	54	58	70
38	87	56	49	62	92	39	1099	72	56	51	55	67
39	81	51	44	57	88	35	95	68	53	48	51	64
40	2775	2445	2139	1852	1584	1331	1092	0865	0649	0444	0248	0061
41	70	40	34	48	79	27	88	61	46	41	45	58
42	64	35	29	43	75	22	84	57	42	37	42	55
43	58	30	24	38	71	18	80	54	39	34	39	52
44	53	24	19	34	66	14	76	50	35	31	35	48
45	2747	2419	2114	1829	1562	1310	1072	0846	0632	0428	0232	0045
46	41	14	09	25	58	06	68	43	29	24	29	42
47	36	09	04	20	53	02	64	39	25	21	26	39
48	30	03	2099	16	49	1298	61	35	21	18	23	36
49	24	2398	2095	11	45	94	57	32	18	14	20	33
50	2719	2393	2090	1806	1540	1290	1053	0828	0614	0411	0216	0030
51	13	88	85	02	36	86	49	24	11	08	13	27
52	07	82	80	1797	32	82	45	21	08	04	10	24
53	02	77	75	93	28	78	41	17	04	01	07	21
54	2696	72	70	88	23	74	37	14	01	0398	04	18
55	2691	2367	2065	1784	1519	1270	1034	0810	0597	0394	0201	0015
56	85	62	61	79	15	66	30	06	94	91	0197	12
57	79	56	50	74	10	61	26	03	90	88	94	09
58	74	51	51	70	06	57	22	0799	87	84	91	06
59	68	46	46	65	02	53	18	95	83	81	88	03

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EPHEMERIS OF PLUTO FOR 1928

	Long.	Dec.	Date	Long.	Dec.
January 3	16° 56' 10"	21° N 26'	July 31	17° 56' 15"	21° N 34'
February 2	15° 56' 33"	21° N 33'	August 30	17° 56' 54"	21° N 31'
March 3	15° 56' 7"	21° N 38'	September 29	18° 56' 18"	21° N 29'
April 2	15° 56' 0"	21° N 41'	October 29	18° 56' 21"	21° N 30'
May 2	15° 56' 13"	21° N 42'	November 28	18° 56' 3"	21° N 33'
June 1	15° 56' 46"	21° N 41'	December 28	17° 56' 30"	21° N 40'
July 1	16° 56' 30"	21° N 38'			

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THE ROSICRUCIAN FELLOWSHIP

Oceanside, California, U.S.A.

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

January, 1928

New Moon January 22nd, 8:18 P. M., in ♋ 1° 35'

Longitude of the Planets

Day	☉ ♈	♀ ♊	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈
	°	'	°	'	°	'	°	'	°	'	°	'
Su	19	51	27	04	5	25	23	19	13	34	26	36
M	2	10	52	28	14	7	05	7	8	36	13	40
Tu	3	11	53	29	25	8	35	21	59	13	47	26
W	4	12	54	0	35	10	11	6	II	24	13	53
Th	5	13	55	1	46	11	48	20	47	14	00	27
F	6	14	56	2	57	13	24	5	3	14	06	27
S	7	15	58	4	09	15	01	19	7	14	13	27
Su	8	16	59	5	20	16	39	2	♈	55	14	19
M	9	18	00	6	31	18	17	16	24	14	25	27
Tu	10	19	01	7	43	19	55	29	31	14	32	27
W	11	20	02	8	54	21	34	12	♈	18	14	38
Th	12	21	03	10	05	23	13	24	45	14	44	28
F	13	22	04	11	17	24	53	6	♈	56	14	50
S	14	23	05	12	28	26	33	18	54	14	56	28
Su	15	24	07	13	41	28	13	0	♈	46	15	03
M	16	25	08	14	53	29	54	12	36	15	08	28
Tu	17	26	09	16	05	1	36	24	28	15	15	29
W	18	27	10	17	18	3	18	6	♈	28	15	20
Th	19	28	11	18	29	5	00	18	41	15	27	29
F	20	29	12	19	41	6	43	1	♈	09	15	32
S	21	0	13	20	53	8	25	13	54	15	38	29
Su	22	1	14	22	06	10	08	26	59	15	44	29
M	23	2	15	23	18	11	51	10	♈	22	15	49
Tu	24	3	16	24	30	13	35	24	01	15	55	0
W	25	4	17	25	43	15	18	7	♈	53	16	00
Th	26	5	18	26	55	17	01	21	54	16	05	0
F	27	6	19	28	08	18	43	6	♈	00	16	11
S	28	7	20	29	20	20	25	20	09	16	16	1
Su	29	8	21	0	33	22	06	4	♈	18	16	22
M	30	9	22	1	46	23	45	18	24	16	27	1
Tu	31	10	23	2	59	25	24	2	II	28	16	32

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

January, 1928

Full Moon January 7th, 6:07 A. M. in ϖ $15^{\circ} 42'$

Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂			
H. M.	° N	'	° S	'	° S	'	° S	'	° S	'	° S	'	° N	'
1	18 40	5	3	1 23 05	17 07 24	45	20 55 2	31 23 07	0	47 12 20				
2	18 44	10	47	3 22 55	17 39 24	44	20 56 2	24 23 16	0	46 12 20				
3	18 48	16	00	5 22 43	18 12 24	37	20 58 2	17 23 24	0	45 12 21				
4	18 51	20	17	7 22 30	18 42 24	25	20 59 2	10 23 32	0	44 12 22				
5	18 55	23	19	9 22 14	19 12 24	07	21 01 2	02 23 38	0	43 12 23				
6	18 59	24	50	11 21 57	19 37 23	42	21 02 1	54 23 43	0	41 12 24				
				13 21 38	20 02 23	11	21 04 1	46 23 47	0	40 12 25				
7	19 03	24	43	15 21 18	20 25 22	34	21 05 1	38 23 51	0	39 12 26				
8	19 07	23	04	17 20 56	20 46 21	51	21 06 1	30 23 54	0	37 12 27				
9	19 11	20	08	19 20 32	21 05 21	02	21 07 1	22 23 56	0	35 12 28				
0	19 15	16	15	21 20 07	21 21 20	06	21 08 1	13 23 56	0	33 12 29				
1	19 19	11	44	23 19 40	21 35 19	05	21 10 1	04 23 56	0	31 12 30				
2	19 23	6	50	25 19 11	21 47 17	56	21 11 0	55 23 55	0	30 12 31				
3	19 27	1	47	27 18 42	21 56 16	45	21 12 0	46 23 52	0	28 12 32				
				29 18 11	22 02 15	27	21 13 0	37 23 49	0	26 12 33				
4	19 31	3 s	16	31 17 39	22 07 14	05	21 13 0	27 23 45	0	25 12 34				
5	19 35	8	09											
6	19 39	12	44											
				Latitude of the Planets										
D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂			
° S	'	° N	'	° S	'	° N	'	° S	'	° S	'	° N	'	
1	14 19	2 28	1 25	1 32	1 16	0 17	0 44	0 31						
2	3 2 21	2 26	1 34	32	16	18	44	31						
3	5 0 N	12 2 23	1 42	32	16	20	43	31						
1	7 2 40	2 19	1 49	32	15	21	43	31						
2	9 4 25	2 16	1 56	32	15	22	43	31						
3	11 5 11	2 11	2 00	32	14	23	43	31						
4	13 4 56	2 07	2 03	32	14	25	43	31						
5	15 3 50	2 02	2 06	32	13	26	43	31						
6	17 2 06	1 58	2 06	32	13	27	43	31						
7	19 0 s	03 1 53	2 04	32	13	29	43	31						
	21 2 15	1 47	2 01	32	12	30	43	31						
8	23 4 04	1 42	1 55	33	12	31	43	31						
9	25 5 03	1 36	1 46	33	12	33	43	32						
0	27 4 52	1 30	1 36	33	11	34	43	32						
1	29 3 31	1 24	1 22	33	11	35	43	32						
	31 1 20	1 18	1 06	33	11	37	43	32						

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

February, 1928.

New Moon February 21st, 9:40 A. M., in ♋ 1° 31'

Longitude of the Planets

Day	☉ ☼	♀ ♍	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊	♂ ♊
	°	'	°	'	°	'	°	'	°	'	°	'
W	1 11 24	4 12 27	00 16 28	16 37	1 46 9	55 0	40 28	R 16	15 5			
Th	2 12 25	5 24 28	34 0 22	16 42	1 58 10	40 0	43 28	14	15 5			
F	3 13 26	6 38 0	♋ 05	14 10	16 47	2 09 11	24 0	46 28	12	15 5		
S	4 14 27	7 49 1	32 27	49 16	52 2	22 12	10 0	49 28	10	15 4		
Su	5 15 27	9 03 2	57 11	Ω 16	57 2	34 12	54 0	51 28	09	15 4		
M	6 16 28	10 16 4	16 24	29 17	01 2	46 13	39 0	54 28	07	15 4		
Tu	7 17 29	11 28 5	30 7	♊ 27	17 06	2 58 14	23 0	56 28	05	15 3		
W	8 18 30	12 42 6	38 20	07 17	11 3	11 15	09 0	59 28	04	15 3		
Th	9 19 31	13 54 7	39 2	♊ 32	17 15	3 23 15	53 1	02 28	03	15 3		
F	10 20 31	15 08 8	31 14	42 17	20 3	35 16	38 1	06 28	02	15 3		
S	11 21 32	16 21 9	17 26	41 17	24 3	48 17	22 1	08 28	00	15 2		
Su	12 22 32	17 33 9	53 8	♊ 33	17 28	4 01 18	08 1	11 27	59	15 2		
M	13 23 33	18 48 10	20 20	21 17	33 4	13 18	52 1	13 27	56	15 2		
Tu	14 24 34	20 00 10	37 2	♊ 13	17 37	4 26 19	38 1	16 27	54	15 1		
W	15 25 34	21 14 10	42 14	13 17	41 4	39 20	22 1	18 27	52	15 1		
Th	16 26 35	22 26 10	R 38	26 17	44 4	52 21	08 1	21 27	51	15 1		
F	17 27 36	23 40 10	24 8	♊ 58	17 48	5 05 21	52 1	25 27	49	15 0		
S	18 28 36	24 54 9	59 21	51 17	52 5	18 22	39 1	28 27	47	15 0		
Su	19 29 37	26 08 9	26 5	♊ 09	17 56	5 31 23	23 1	31 27	45	15 0		
M	20 0 37	27 20 8	44 18	51 17	59 5	44 24	09 1	34 27	43	14 5		
Tu	21 1 38	28 34 7	54 2	♋ 54	18 03	5 57 24	53 1	37 27	42	14 5		
W	22 2 38	29 47 6	58 17	14 18	07 6	11 25	40 1	40 27	40	14 5		
Th	23 3 38	1 01 5	59 1	♊ 44	18 10	6 24 26	24 1	43 27	39	14 5		
F	24 4 39	2 14 4	54 16	17 18	13 6	37 27	10 1	46 27	37	14 4		
S	25 5 39	3 28 3	52 0	♋ 47	18 16	6 51 27	54 1	49 27	35	14 4		
Su	26 6 39	4 41 2	45 15	09 18	20 7	04 28	41 1	53 27	34	14 4		
M	27 7 40	5 55 1	43 29	20 18	22 7	18 29	25 1	56 27	32	14 3		
Tu	28 8 40	7 08 0	44 13	♊ 20	18 26	7 31 0	♊ 12	1 59	27	30	14 3	
W	29 9 40	8 22 29	♊ 48	27 07	18 28	7 45 0	57 2	02 27	29	14 3		

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

February, 1928.

Full Moon February 5th, 8:11 P. M. in Ω $15^{\circ} 48'$

Declination of the Planets

D	S. T.	Dec. D	D	⊙	♀	♂	♄	♅	♆	♇	♈	♉		
	H. M.	° N	'	° S	' S	° S	' S	° S	' S	° S	' S	° N	'	
1	20 42	22	40	1 17	22 22	08	13 24	21 14	0 23	23 42	0 23	12 35		
2	20 46	24	36	3 16	48 22	08	12 00		15 13	23 36	21	35		
3	20 50	24	59	5 16	12 22	06	10 35		16 03	23 29	18	37		
4	20 54	23	51	7 15	36 22	01	9 13		16 0 N 07	23 21	16	38		
5	20 58	21	21	9 14	59 21	54	7 59		17 17	23 13	14	39		
6	21 02	17	47	11 14	20 21	44	6 52		18 27	23 03	12	40		
				13 13	40 21	32	5 59		18 37	22 52	10	41		
7	21 06	13	24	15 13	00 21	16	5 20		19 48	22 40	07	42		
8	21 09	8	33	17 12	19 20	59	5 01		19 58	22 27	05	44		
9	21 13	3	27	19 11	38 20	39	4 59		20 1	09 22	14	45		
0	21 17	1 s	41	21 10	54 20	17	5 18		20 19	22 00	00	46		
1	21 21	6	42	23 10	10 19	52	5 52		21 30	21 44	0 N 02	47		
2	21 25	11	25	25 9	27 19	25	6 39		21 41	21 28	04	48		
3	21 29	15	43	27 8	42 18	56	7 32		22 52	21 11	08	49		
				29 7	57 18	24	8 28		22 2	03 20	52	50		
4	21 33	19	25	Latitude of the Planets										
5	21 37	22	21	Latitude of the Planets										
6	21 41	24	19	D	D	♀	♂	♄	♅	♆	♇	♈	♉	
7	21 45	25	07	° S	' N	° S	' N	° S	' S	° S	' S	° N	'	
8	21 49	24	36	1 0	05 1	15 0	56 1	33 1	10 0	37 0	42 0	32		
9	21 53	22	41	3 2	N 18 1	09 0	35 33		10 39		42 32			
0	21 59	19	26	5 4	07 1	02 0	10 33		10 40		42 32			
				7 5	00 0	56 0	N 17 33		09 41		42 32			
1	22 01	15	00	9 4	52 50		47 34		09 43		42 32			
2	22 05	9	39	11 3	52 43	1 18	34 34		09 44		42 32			
3	22 09	3	43	13 2	13 37	1 51	34 34		09 45		42 32			
4	22 13	2	N 26	15 0	10 30	2 22	34 34		08 47		42 32			
5	22 16	8	28	17 1	s 58 24	2 51	34 34		08 48		42 32			
6	22 20	14	00	19 3	49 17	3 15	34 34		08 49		42 32			
7	22 24	18	42	21 4	54 11	3 34	35 35		08 51		42 32			
				23 4	48 05	3 42	35 35		07 52		42 32			
8	22 28	22	17	25 3	30 s 02	3 42	35 35		07 53		42 32			
9	22 32	24	30	27 1	21 08	3 34	35 35		07 55		42 32			
				29 1	N 05 14	3 19	35 35		07 56		42 32			

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich
March, 1928

New Moon March 21st, 8:29 P. M., in ♈ 1: 0'
Longitude of the Planets

Day	☉ ♈	♀ ♍	♂ ♌	♂ ♍	♂ ♎	♂ ♏	♂ ♐	♂ ♑	♂ ♒	♂ ♓	♂ ♈	♂ ♉
	°	'	0	'	0	'	0	'	0	'	0	'
Th	1	10	40	9	35	28 _R	58	10	42	18	31	7
F	2	11	41	10	49	28	14	24	07	18	33	8
S	3	12	41	12	02	27	35	7	♏	21	18	36
Su	4	13	41	13	16	27	04	20	24	18	38	8
M	5	14	41	14	29	26	39	3	♐	17	18	41
Tu	6	15	41	15	43	26	21	15	57	18	43	9
W	7	16	41	16	56	26	09	28	25	18	45	9
Th	8	17	41	18	11	26	06	10	♐	41	18	47
F	9	18	41	19	23	26 _D	08	22	46	18	49	9
S	10	19	41	20	38	26	15	4	♐	42	18	51
Su	11	20	41	21	51	26	29	16	32	18	53	10
M	12	21	40	23	05	26	48	28	19	18	55	10
Tu	13	22	40	24	18	27	12	10	♐	10	18	56
W	14	23	40	25	32	27	41	22	08	18	58	11
Th	15	24	40	26	45	28	14	4	♐	19	18	59
F	16	25	40	28	00	28	52	16	49	19	00	11
S	17	26	39	29	13	29	34	29	43	19	01	11
Su	18	27	39	0	♐	27	0	♐	19	13	03	11
M	19	28	39	1	40	1	08	26	52	19	03	12
Tu	20	29	38	2	54	2	00	11	♐	07	19	04
W	21	0	♐	38	4	08	2	55	25	45	19	05
Th	22	1	38	5	21	3	54	10	♐	37	19	06
F	23	2	37	6	35	4	55	25	35	19	06	13
S	24	3	37	7	49	5	58	10	♐	29	19	07
Su	25	4	37	9	02	7	04	25	13	19	07	13
M	26	5	36	10	17	8	12	9	♐	40	19	08
Tu	27	6	35	11	30	9	23	23	48	19	08	14
W	28	7	35	12	44	10	36	7	♐	37	19	08
Th	29	8	34	13	57	11	50	21	07	19	08	14
F	30	9	33	15	12	13	07	4	♏	20	19	08
S	31	10	32	16	24	14	26	17	18	19 _R	07	15

Declination of the Planets

[illegible]

April, 1928
New Moon April 20th, 5:25 A. M., in γ 29° 53'
Longitude of the Planets

Day	☉ ♈	♀ ♊	♂ ♋	♂ ♌	♂ ♍	♂ ♎	♂ ♏	♂ ♐	♂ ♑	♂ ♒	♂ ♓	♂ ♈	♂ ♊	♂ ♋	♂ ♌	♂ ♍	♂ ♎	♂ ♏	♂ ♐	♂ ♑	♂ ♒	♂ ♓		
	11	17	23	29	35	41	47	53	59	05	11	17	23	29	35	41	47	53	59	05	11	17	23	
Su	1	11	32	17	38	15	46	0	03	19	07	15	19	25	20	3	50	26	44	12	48	12	48	
M	2	12	31	18	52	17	08	12	37	19	07	15	34	26	06	3	54	26	43	12	48	12	48	
Tu	3	13	30	20	06	18	32	25	00	19	06	15	48	26	52	3	57	26	42	12	48	12	48	
W	4	14	29	21	20	19	57	7	13	19	06	16	03	27	39	4	00	26	41	12	39	12	39	
Th	5	15	28	22	34	21	25	19	18	19	05	16	17	28	23	4	03	26	40	12	38	12	38	
F	6	16	27	23	45	22	54	1	16	19	04	16	32	29	10	4	07	26	39	12	38	12	38	
S	7	17	26	25	01	24	23	13	07	19	03	16	46	29	56	4	11	26	37	12	29	12	29	
Su	8	18	25	26	15	25	56	24	55	19	02	17	01	0	42	4	14	26	36	12	20	12	20	
M	9	19	24	27	29	27	30	6	43	19	01	17	15	1	28	4	17	26	35	12	29	12	29	
Tu	10	20	23	28	41	29	06	18	34	19	00	17	30	2	14	4	20	26	35	12	20	12	20	
W	11	21	22	29	56	0	42	0	32	18	59	17	44	3	00	4	24	26	34	12	1	12	1	
Th	12	22	21	1	09	2	21	12	43	18	57	17	59	3	46	4	27	26	33	12	1	12	1	
F	13	23	19	2	23	4	01	25	10	18	56	18	13	4	32	4	30	26	32	12	1	12	1	
S	14	24	18	3	41	5	42	8	00	18	54	18	27	5	18	4	34	26	32	12	0	12	0	
Su	15	25	17	4	51	7	24	21	17	18	54	18	42	6	04	4	38	26	31	12	0	12	0	
M	16	26	16	6	04	9	11	5	02	18	51	18	57	6	50	4	41	26	30	12	0	12	0	
Tu	17	27	14	7	18	10	52	19	15	18	49	19	11	7	36	4	44	26	30	11	5	11	5	
W	18	28	13	8	32	12	45	3	54	18	47	19	25	8	22	4	47	26	29	11	5	11	5	
Th	19	29	12	9	46	14	33	18	53	18	45	19	40	9	08	4	50	26	29	11	5	11	5	
F	20	0	8	10	10	59	16	25	4	8	03	18	43	19	54	9	53	26	28	11	4	11	4	
S	21	1	09	12	13	18	17	19	14	18	41	20	08	10	39	4	57	26	28	11	4	11	4	
Su	22	2	07	13	26	20	13	4	16	18	38	20	23	11	25	5	00	26	27	11	4	11	4	
M	23	3	06	14	40	22	09	19	02	18	36	20	37	12	11	5	03	26	27	11	3	11	3	
Tu	24	4	04	15	54	24	06	3	25	18	34	20	51	12	57	5	06	26	26	11	3	11	3	
W	25	5	03	17	08	26	06	17	25	18	31	21	06	13	43	5	09	26	26	11	3	11	3	
Th	26	6	01	18	21	28	07	1	01	18	28	21	20	14	29	5	12	26	25	11	2	11	2	
F	27	6	59	19	35	0	8	09	14	13	18	26	21	34	15	15	5	15	26	25	11	2	11	2
S	28	7	58	20	48	2	12	27	06	18	23	21	48	16	01	5	19	26	25	11	2	11	2	
Su	29	8	56	22	02	4	16	9	16	18	20	22	03	16	46	5	22	26	24	11	1	11	1	
M	30	9	54	23	15	6	24	22	04	18	17	22	17	17	32	5	24	26	24	11	1	11	1	

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich
April, 1928
Full Moon April 5th, 3:38 A. M. in $\approx 15^{\circ} 7'$
Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♄	♅	♆	♇	♈	♉													
	H. M.	°	N	'	°	N	'	°	S	'	°	S	'	°	N	'	°	S	'	°	N	'	°	N	'
1	0	38	16	06	1	4	33	6	09	7	42	21	22	5	02	14	15	0	53	13	07				
2	0	42	11	30	3	5	19	5	14	6	43		22	5	13	13	45		55		07				
3	0	46	6	30	5	6	05	4	17	5	39		21	5	24	13	14		58		08				
4	0	50	1	19	7	6	51	3	20	4	31		21	5	35	12	43	1	01		09				
5	0	54	3	s52	9	7	35	2	23	3	18		21	5	46	12	11		04		09				
6	0	58	8	52	11	8	20	1	25	2	00		20	5	57	11	39		07		10				
					13	9	03	0	28	0	39		20	6	08	11	07		09		10				
7	1	02	13	32	15	9	47	0	N30	0	N47		19	6	19	10	34		12		11				
8	1	06	17	40	17	10	29	1	28	2	17		19	6	30	10	00		15		11				
9	1	10	21	06	19	11	12	2	26	3	50		19	6	41	9	26		17		12				
0	1	14	23	40	21	11	52	3	24	5	26		18	6	52	8	52		20		13				
1	1	18	25	13	23	12	33	4	22	7	05		18	7	03	8	18		22		13				
2	1	22	25	35	25	13	12	5	19	8	46		17	7	14	7	44		25		13				
3	1	26	24	40	27	13	50	6	16	10	28		16	7	24	7	09		27		13				
					29	14	28	7	12	12	12		16	7	35	6	34		30		13				

4	1	30	22	28	Latitude of the Planets															
5	1	34	19	01																
6	1	38	14	27																
7	1	41	8	56	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
8	1	45	2	47		°	N	'	°	S	'	°	S	'	°	S	'	°	S	'
9	1	49	3	N40	1	4	58	1	23	2	16	1	39	1	05	1	15	0	42	0
0	1	53	10	00		3	4	56		25		22		39		05		16		42
						5	3	59		27		27		39		05		17		42
1	1	57	15	46		7	2	22		29		30		39		05		18		42
2	2	01	20	30		9	0	21		30		30		39		05		19		42
3	2	05	23	49		11	1	s46		31		30		39		05		20		42
4	2	09	25	29		13	3	38		32		26		40		05		21		42
5	2	13	25	27		15	4	52		33		21		40		05		21		42
6	2	17	23	54		17	5	06		33		14		40		05		22		42
7	2	21	21	03		19	4	01		33		04		40		05		23		42
						21	1	50		33	1	53		40		05		24		42
8	2	25	17	15		23	0	N49		32		40		40		05		25		42
9	2	29	12	45		25	3	10		31		24		41		05		26		42
0	2	33	7	50		27	4	42		30		07		41		05		26		42
						29	5	13		29	0	49		41		05		27		42

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich

May, 1928

New Moon (Total Eclipse of Sun) May 19th, 1:14 P. M. in δ $28^{\circ} 1'$
Longitude of the Planets

Day	☉ ♌	♀ ♍	♂ ♎	♃ ♏	♅ ♐	♄ ♑	♆ ♒	♁ ♓	♃ ♏	♅ ♐	♄ ♑	♆ ♒	♁ ♓
	°	'	°	'	°	'	°	'	°	'	°	'	°
Tu	1 10 52	24 29 8	30 4 15	18 _R 14	22 31 18	18 5	27 26 _R 24	11 13					
W	2 11 51	25 43 10	40 16 17	18 11	22 45 19	04 5	30 26 24	11 10					
Th	3 12 49	26 57 12	47 28 12	18 08	22 59 19	50 5	33 26 24	11 07					
F	4 13 47	28 10 14	57 10 _m 03	18 05	23 13 20	35 5	36 26 24	11 03					
S	5 14 45	29 24 17	08 21 52	18 02	23 27 21	21 5	39 26 24	11 00					
Su	6 15 43	0 8 37	19 18 3	♄ 40	17 58	23 41	22 07 5	41 26 24	10 56				
M	7 16 41	1 51 21	18 15 31	17 55	23 55 22	53 5	44 26 24	10 53					
Tu	8 17 39	3 04 23	37 27 26	17 51	24 09 23	38 5	47 26 24	10 50					
W	9 18 37	4 18 25	47 9 _V 29	17 48	24 23 24	24 5	50 26 _D 24	10 47					
Th	10 19 35	5 32 27	53 21 43	17 44	24 36 25	09 5	53 26 24	10 44					
F	11 20 33	6 46 0 _{II} 01	4 _~ 13	17 40	24 50 25	55 5	56 26 24	10 41					
S	12 21 29	7 59 2	05 17 02	17 37	25 03 26	40 5	58 26 24	10 38					
Su	13 22 28	9 13 4	07 0 _♋ 14	17 33	25 17 27	26 6	00 26 24	10 36					
M	14 23 26	10 26 6	08 13 51	17 29	25 31 28	11 6	03 26 24	10 33					
Tu	15 24 24	11 40 8	06 27 55	17 25	25 45 28	57 6	06 26 25	10 28					
W	16 25 21	12 53 10	02 12 _♊ 24	17 21	25 58 29	42 6	08 26 25	10 25					
Th	17 26 19	14 07 11	55 27 14	17 17	26 12 0 _♊ 28	6	10 26 25	10 22					
F	18 27 17	15 20 13	46 12 _♊ 19	17 13	26 25 1	13 6	12 26 25	10 19					
S	19 28 15	16 34 15	34 27 31	17 09	26 38 1	59 6	15 26 26	10 16					
Su	20 29 13	17 48 17	19 12 _{II} 39	17 05	26 52 2	43 6	18 26 26	10 13					
M	21 0 _{II} 10	19 02 19	00 27 34	17 01	27 05 3	29 6	20 26 27	10 10					
Tu	22 1 08	20 15 20	38 12 _♊ 10	16 57	27 18 4	14 6	22 26 27	10 07					
W	23 2 06	21 29 22	15 26 22	16 53	27 31 5	00 6	25 26 28	10 04					
Th	24 3 03	22 42 23	47 10 _♊ 07	16 48	27 44 5	44 6	27 26 28	10 00					
F	25 4 01	23 56 25	16 23 26	16 44	27 57 6	30 6	29 26 29	9 56					
S	26 4 59	25 09 26	42 6 _♊ 21	16 40	28 10 7	14 6	31 26 29	9 53					
Su	27 5 56	26 23 28	05 18 55	16 36	28 23 8	00 6	33 26 30	9 50					
M	28 6 54	27 36 29	23 1 _♊ 13	16 31	28 36 8	44 6	35 26 31	9 47					
Tu	29 7 51	28 50 0 _♊ 40	13 18 16	27 28	49 9 30	6	37 26 31	9 44					
W	30 8 49	0 _{II} 04 1	52 25 13	16 23	29 01 10	14 6	39 26 32	9 41					
Th	31 9 46	1 18 3	01 7 _♊ 04	16 18	29 14 11	00 6	41 26 33	9 38					

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich
May, 1928
Full Moon May 4th, 8:11 P. M., in η 14° 5'
Declination of the Planets

D	S	T.	Dec.	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
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15	3	32	5	25	Latitude of the Planets																							
16	3	36	0	N49																								
17	3	40	7	10	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂				
18	3	44	13	14	°	N	'	°	S	'	°	S	'	°	N	'	°	S	'	°	S	'	°	S	'	°	N	'
19	3	48	18	32	1	4	45	1	27	0	29	1	41	1	05	1	28	0	42	0							32	
20	3	51	22	37	3	3	28		25		08		41		05		28		42								32	
					5	1	36		23		N13		41		05		29		42								32	
21	3	56	25	04	7	0	s33		21		34		41		05		29		42								32	
22	3	59	25	44	9	2	38		19		54		41		05		30		42								32	
23	4	03	24	41	11	4	18		16	1	14		41		06		31		42								32	
24	4	07	22	09	13	5	12		13		31		41		06		31		42								32	
25	4	11	18	31	15	5	00		10		46		41		06		31		42								32	
26	4	15	14	05	17	3	33		05		58		41		06		32		42								32	
27	4	19	9	11	19	1	06		04	2	08		41		06		32		42								32	
					21	1	N39	0	59		14		41		06		32		42								32	
28	4	23	4	02	23	3	52		55		16		41		06		33		42								32	
29	4	27	1	s11	25	5	05		51		16		41		06		33		42								32	
30	4	31	6	19	27	5	13		47		12		41		07		33		42								32	
31	4	35	11	11	29	4	24		43		05		41		07		33		42								32	
					31	2	51		39	1	55		41		07		33		42								32	

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

June, 1928

New Moon (Partial Eclipse of Sun) June 17th, 8:42 P. M., in Π $26^{\circ} 2'$

Longitude of the Planets

Day		\odot Π	\square Π	\diamond ϖ	γ μ	δ ι	ζ γ	η γ	θ γ	ι Ω	κ Π
		$^{\circ}$	$'$	$^{\circ}$	$'$	$^{\circ}$	$'$	$^{\circ}$	$'$	$^{\circ}$	$'$
F	1	10 44	2 31	4 07	18 52	16 14	29 27	11 44	6 43	26 34	9 35
S	2	11 41	3 45	5 08	0 40	16 09	29 39	12 30	6 45	26 35	9 32
Su	3	12 39	4 58	6 05	12 32	16 05	29 52	13 13	6 47	26 35	9 29
M	4	13 36	6 12	7 00	24 29	16 00	0 08	04 13	59 6	49 26	36 9
Tu	5	14 34	7 25	7 51	6 33	15 56	0 16	14 43	6 50	26 37	9 21
W	6	15 31	8 39	8 37	18 47	15 52	0 29	15 27	6 52	26 38	9 18
Th	7	16 28	9 52	9 20	1 13	15 47	0 41	16 12	6 54	26 39	9 15
F	8	17 26	11 06	9 58	13 52	15 43	0 53	16 56	6 56	26 40	9 12
S	9	18 23	12 20	10 32	26 47	15 38	1 05	17 41	6 57	26 41	9 09
Su	10	19 20	13 28	11 02	10 00	15 34	1 17	18 25	6 59	26 42	9 06
M	11	20 18	14 42	11 28	23 33	15 29	1 28	19 09	7 00	26 43	9 03
Tu	12	21 15	16 01	11 49	7 27	15 25	1 40	19 53	7 01	26 44	8 59
W	13	22 13	17 14	12 06	21 41	15 21	1 52	20 38	7 03	26 46	8 56
Th	14	23 10	18 28	12 17	6 14	15 16	2 03	21 22	7 05	26 47	8 53
F	15	24 07	19 41	12 25	21 02	15 12	2 15	22 06	7 06	26 48	8 50
S	16	25 04	20 55	12 28	5 59	15 07	2 26	22 50	7 07	26 49	8 47
Su	17	26 02	22 09	12 27	20 57	15 03	2 38	23 34	7 08	26 51	8 44
M	18	26 59	23 23	12 21	5 49	14 59	2 49	24 18	7 09	26 52	8 41
Tu	19	27 56	24 36	12 11	20 25	14 55	3 00	25 01	7 10	26 54	8 37
W	20	28 54	25 50	11 56	4 41	14 50	3 11	25 45	7 11	26 55	8 34
Th	21	29 51	27 03	11 38	18 32	14 46	3 22	26 28	7 13	26 56	8 31
F	22	0 48	28 17	11 16	1 57	14 42	3 33	27 12	7 14	26 57	8 28
S	23	1 45	29 31	10 51	14 57	14 38	3 43	27 55	7 14	27 00	8 25
Su	24	2 43	0 45	10 22	27 34	14 33	3 53	28 39	7 15	27 00	8 22
M	25	3 40	1 58	9 51	9 52	14 29	4 04	29 22	7 16	27 02	8 19
Tu	26	4 37	3 12	9 19	21 55	14 25	4 15	0 08	7 17	27 03	8 16
W	27	5 34	4 26	8 44	3 49	14 21	4 25	0 48	7 18	27 04	8 13
Th	28	6 31	5 40	8 10	15 37	14 17	4 36	1 32	7 19	27 06	8 09
F	29	7 29	6 53	7 33	27 26	14 14	4 45	2 15	7 19	27 08	8 06
S	30	8 26	8 07	6 56	9 17	14 10	4 55	2 57	7 20	27 09	8 03

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

June, 1928

Full Moon (Total Eclipse of Moon) June 3rd, 0:13 P. M. in λ $12^{\circ} 3$

Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂
	H. M.	° S	'	° N	'	° N	'	° N	'	° S	'	° N	'
1	4	39	15	38	1	22	04	20	05	25	11	21	04
2	4	43	19	30	3	22	19	20	36	24	51	03	10
3	4	47	22	35	5	22	33	20	06	24	27	02	10
4	4	51	24	42	7	22	46	21	34	24	00	02	10
5	4	55	25	41	9	22	56	21	59	23	31	01	10
6	4	59	25	27	11	23	06	22	21	22	59	00	10
					13	23	13	22	41	22	26	20	59
7	5	03	23	57	15	23	19	22	59	21	53	58	11
8	5	07	21	14	17	23	23	23	14	21	21	58	11
9	5	10	17	26	19	23	26	23	26	20	48	57	11
10	5	14	12	43	21	23	26	23	35	20	19	56	11
11	5	18	7	16	23	23	26	23	42	19	52	55	11
12	5	22	1	20	25	23	24	23	46	19	28	55	11
13	5	26	4	N49	27	23	20	23	46	19	08	54	11
					29	23	14	23	45	18	52	53	12
14	5	30	10	52	30	23	11	23	43	18	46	53	12
15	5	34	16	24									
16	5	38	21	00									
Latitude of the Planets													
D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	° N	'	° S	'	° N	'	° N	'	° S	'	° S	'	° N
17	5	41	24	11									
18	5	46	25	40									
19	5	50	25	19	1	1	52	0	36	1	49	1	41
20	5	54	23	18	3	0	s17		32		33		41
					5	2	25		27		14		41
21	5	58	19	57	7	4	09		23	0	53		41
22	6	02	15	39	9	5	09		18		29		40
23	6	06	10	45	11	5	08		13		01		40
24	6	10	5	33	13	3	55		09	s	28		40
25	6	14	0	15	15	1	41		04		59		40
26	6	17	4	s57	17	1	N03	N02	1		32		40
27	6	21	9	55	19	3	27		06	2	05		39
					21	4	55		10	2	38		39
28	6	25	14	30	23	5	14		15	3	09		39
29	6	29	18	32	25	4	32		19	3	37		39
30	6	33	21	50	27	3	03		24	4	02		38
					29	1	05		29	4	22		38
					30	0	01		31	4	31		38

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich

July, 1928

New Moon July 17th, 4:35 A. M., in ♋ 24° 20'

Longitude of the Planets

Day	☉	♀	♂	♃	♅	♁	♂	♃	♅	♁	♂	♃	♅	♁	♂	♃	♅	♁	♂	♃	♅	♁
	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	'
Su	19	23	9	21	6	R22	21	14	14	R05	5	05	3	41	7	20	27	11	8		00	
M	2	10	20	10	35	5	50	3	W21	14	03	5	15	4	23	7	21	27	12	7	56	
Tu	3	11	17	11	48	5	19	15	39	13	58	5	24	5	07	7	21	27	14	7	53	
W	4	12	15	13	02	4	50	28	08	13	55	5	34	5	49	7	22	27	16	7	50	
Th	5	13	12	14	15	4	25	10	W51	13	51	5	43	6	32	7	22	27	18	7	47	
F	6	14	09	15	29	4	03	23	47	13	48	5	53	7	14	7	23	27	20	7	43	
S	7	15	06	16	38	3	45	6	κ57	13	44	6	02	7	55	7	23	27	21	7	40	
Su	8	16	03	17	57	3	31	20	20	13	41	6	11	8	38	7	23	27	23	7	37	
M	9	17	00	19	11	3	23	3	γ58	13	38	6	20	9	21	7	23	27	25	7	34	
Tu	10	17	58	20	25	3	18	17	48	13	34	6	28	10	03	7	24	27	27	7	30	
W	11	18	55	21	38	3	D20	1	δ53	13	31	6	37	10	45	7	24	27	28	7	27	
Th	12	19	53	22	52	3	26	16	09	13	28	6	46	11	27	7	R24	27	30	7	23	
F	13	20	49	24	06	3	37	0	II37	13	25	6	54	12	08	7	23	27	32	7	20	
S	14	21	47	25	20	3	54	15	11	13	22	7	02	12	50	7	23	27	34	7	17	
Su	15	22	44	26	34	4	17	29	48	13	19	7	10	13	31	7	23	27	36	7	14	
M	16	23	41	27	48	4	45	14	♋21	13	16	7	18	14	13	7	23	27	37	7	11	
Tu	17	24	38	29	02	5	19	28	45	13	13	7	26	14	54	7	23	27	39	7	08	
W	18	25	36	0	Ω15	5	57	12	Ω53	13	10	7	35	15	36	7	22	27	41	7	05	
Th	19	26	33	1	29	6	41	26	41	13	07	7	41	16	16	7	22	27	43	7	02	
F	20	27	30	2	43	7	31	10	♍05	13	05	7	49	16	58	7	22	27	45	6	59	
S	21	28	27	3	57	8	25	23	06	13	03	7	57	17	39	7	22	27	47	6	56	
Su	22	29	25	5	11	9	26	5	♎44	13	00	8	03	18	19	7	21	27	49	6	52	
M	23	0	Ω22	6	25	10	32	18	02	12	58	8	10	19	01	7	21	27	51	6	49	
Tu	24	1	19	7	39	11	41	0	♏06	12	56	8	17	19	41	7	20	27	53	6	46	
W	25	2	17	8	53	12	56	12	00	12	54	8	23	20	21	7	20	27	55	6	43	
Th	26	3	14	10	07	14	16	23	49	12	52	8	30	21	01	7	19	27	57	6	40	
F	27	4	11	11	20	15	41	5	♐38	12	50	8	36	21	42	7	18	27	59	6	36	
S	28	5	09	12	34	17	10	17	32	12	48	8	42	22	22	7	18	28	01	6	33	
Su	29	6	06	13	48	18	44	29	36	12	46	8	48	23	02	7	17	28	04	6	30	
M	30	7	03	15	02	20	22	11	W53	12	44	8	54	23	42	7	16	28	06	6	27	
Tu	31	8	01	16	16	22	03	24	24	12	43	8	59	24	21	7	15	28	08	6	24	

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

July, 1928

Full Moon July 3rd, 2:48 A. M. in $\nu 10^{\circ} 55'$

Declination of the Planets

D	S	T.	Dec.	D	D	☉	♀	♂	♄	♅	♆	♁	♂	♂	♂								
	H.M.		°	S	'	°	N	'	°	N	'	°	S	'	°	N	'	°	N	'			
1	6		37	24	14	1	23	07	23	40	18	41	20	53	12	06	11	21	2	15	12	57	
2	6		41	25	32	3	22	58	23	33	18	36		52		13	11	50		15		56	
3	6		45	25	36	5	22	48	23	23	18	36		52		19	12	19		15		55	
4	6		49	24	23	7	22	36	23	10	18	41		51		24	12	47		15		54	
5	6		52	21	55	9	22	22	22	54	18	51		51		30	13	15		16		52	
6	6		56	18	19	11	22	06	22	36	19	06		50		35	13	42		16		51	
						13	21	50	22	14	19	24		50		40	14	08		16		51	
7	7	01	13		46	15	21	32	22	51	19	46		50		45	14	34		16		49	
8	7	05	8		30	17	21	12	21	25	19	09		49		50	14	59		16		48	
9	7	09	2		44	19	20	51	20	56	20	32		49		55	15	24		15		46	
10	7	13	3	N	15	21	20	29	20	25	20	54		49		59	15	48		14		44	
11	7	17	9		12	23	20	05	19	51	21	14		48	13	03	16	12		14		43	
12	7	21	14		45	25	19	40	19	16	21	31		48		07	16	34		13		42	
13	7	24	19		33	27	19	13	18	38	21	42		48		11	16	57		13		40	
						29	18	45	17	58	21	45		48		15	17	18		12		39	
14	7	28	23		11	31	18	16	17	16	21	42		48		18	17	39	2	12		38	
15	7	32	25		18	Latitude of the Planets																	
16	7	36	25		40																		
17	7	40	24		17	D	D	♀	♂	♄	♅	♆	♁	♂	♂	♂							
18	7	44	21		23	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'
19	7	48	17		20	1	1	05	0	33	4	36	1	38	1	11	1	29	0	43	0	32	
20	7	52	12		32	3	3	05		37	4	44		38		11		29		44		32	
						5	4	34		42	4	47		37		11		28		44		32	
1	7	56	7		18	7	5	11		46	4	43		37		12		27		44		32	
2	8	00	1		54	9	4	42		50	4	33		37		12		26		44		32	
3	8	04	3	S	26	11	3	07		53	4	18		36		12		26		44		32	
4	8	08	8		33	13	0	45		57	3	59		36		13		25		44		32	
5	8	12	13		17	15	1	N	51	1	01	3	37		36		13		24		44		32
6	8	16	17		30	17	3	57		04	3	12		35		14		23		44		32	
7	8	20	21		02	19	5	01		07	2	45		35		14		22		44		32	
						21	4	58	2	09	2	17		35		14		21		44		32	
8	8	24	23		42	23	3	56		13	1	48		34		15		20		44		32	
9	8	28	25		20	25	2	16		15	1	19		34		15		18		44		32	
0	8	32	25		45	27	0	13		17	0	50		33		15		17		44		32	
1	8	35	24		53	29	1	S	53		20	0	23		33		16		16		44		32
						31	3	41		21	0	N	03		33		16		15		44		32

Latitude of the Planets

Latitude of the Places																				
	D	D	♀	♂	♄	♅	♆	♁	♂	♂	♂	♂	♂	♂	♂					
	°	S	'	°	N	'	°	S	'	°	S	'	°	S	'	°	N	'		
17 7	40	24	17	20	11	05	0	33	4	36	1	38	1	11	1	29	0	43	0	32
18 7	44	21	23	20	3	3	05	37	4	44		38		11		29		44		32
19 7	48	17	20	1	5	4	34	42	4	47		37		11		28		44		32
20 7	52	12	32		5	4	34	42	4	47		37		11		28		44		32
1 7	56	7	18		7	5	11	46	4	43		37		12		27		44		32
2 8	00	1	54		9	4	42	50	4	33		37		12		26		44		32
3 8	04	3	26		11	3	07	53	4	18		36		12		26		44		32
4 8	08	8	33		13	0	45	57	3	59		36		13		25		44		32
5 8	12	13	17		15	1	N 51	1	01	3	37	36		13		24		44		32
6 8	16	17	30		17	3	57	04	3	12		35		14		23		44		32
7 8	20	21	02		19	5	01	07	2	45		35		14		22		44		32
			21		4	58	2	09	2	17		35		14		21		44		32
8 8	24	23	42		23	3	56	13	1	48		34		15		20		44		32
9 8	28	25	20		25	2	16	15	1	19		34		15		18		44		32
0 8	32	25	45		27	0	13	17	0	50		33		15		17		44		32
1 8	35	24	53		29	1	S 53	20	0	23		33		16		16		44		32
			31		3	41		21	0	N 03		33		16		15		44		32

EHPEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

August, 1928

New Moon August 15th, 1:49 P. M., in Ω $22^{\circ} 27'$

Longitude of the Planets

Day	☉ ♌	♀ ♌	♂ ♍	♂ ♍	♂ ♍	♂ ♍	♂ ♍	♂ ♍	♂ ♍	♂ ♍	♂ ♍
	°	°	°	°	°	°	°	°	°	°	°
W	18 58	17 30	23 48	7 12	12R41	9 05	25 01	7 R15	28 10	6 21	21
Th	29 55	18 44	25 37	20 16	12 40	9 10	25 40	7 14	28 12	6 18	18
F	310 53	19 58	27 29	3 35	12 39	9 16	26 20	7 13	28 14	6 17	17
S	411 50	21 12	29 23	17 07	12 37	9 20	26 59	7 11	28 16	6 11	11
Su	512 48	22 26	1Ω20	0 50	12 36	9 25	27 39	7 10	28 18	6 08	08
M	613 45	23 40	3 17	14 41	12 35	9 30	28 16	7 09	28 20	6 05	05
Tu	714 42	24 54	5 17	28 39	12 34	9 34	28 56	7 08	28 23	6 02	02
W	815 40	26 08	7 20	12 42	12 33	9 39	29 35	7 07	28 25	5 58	58
Th	916 38	27 22	9 22	26 50	12 32	9 43	0Π13	7 06	28 27	5 55	55
F	1017 35	28 36	11 26	11Π01	12 32	9 47	0 51	7 05	28 29	5 52	52
S	1118 33	29 51	13 28	25 14	12 31	9 51	1 29	7 04	28 32	5 49	49
Su	1219 30	1m04	15 32	9 26	12 31	9 54	2 07	7 03	28 34	5 46	46
M	1320 28	2 18	17 33	23 35	12 30	9 58	2 45	7 02	28 36	5 43	43
Tu	1421 26	3 32	19 37	7 Ω36	12 30	10 01	3 22	7 00	28 38	5 40	40
W	1522 23	4 46	21 39	21 25	12 30	10 04	4 01	6 58	28 40	5 36	36
Th	1623 21	6 00	23 39	4 m59	12 30	10 06	4 38	6 56	28 43	5 33	33
F	1724 19	7 14	25 40	18 13	12 30	10 09	5 16	6 54	28 45	5 30	30
S	1825 17	8 28	27 38	1 07	12D30	10 11	5 52	6 52	28 47	5 27	27
Su	1926 14	9 42	29 36	13 42	12 30	10 14	6 30	6 51	28 49	5 24	24
M	2027 12	10 56	1m33	25 59	12 30	10 16	7 05	6 49	28 51	5 20	20
Tu	2128 09	12 10	3 28	8 m02	12 31	10 18	7 43	6 48	28 54	5 17	17
W	2229 08	13 24	5 22	19 55	12 31	10 19	8 19	6 46	28 56	5 14	14
Th	230m05	14 38	7 14	1 44	12 32	10 21	8 55	6 44	28 58	5 11	11
F	241 03	15 52	9 06	13 33	12 33	10 22	9 31	6 42	29 00	5 08	08
S	252 01	17 06	10 56	25 29	12 33	10 23	10 07	6 40	29 03	5 04	04
Su	262 59	18 20	12 45	7 37	12 34	10 24	10 42	6 39	29 05	5 01	01
M	273 57	19 34	14 33	20 00	12 35	10 25	11 18	6 37	29 07	4 58	58
Tu	284 55	20 48	16 19	2 42	12 37	10 25	11 52	6 35	29 09	4 55	55
W	295 53	22 02	18 04	15 45	12 38	10 25	12 28	6 33	29 11	4 52	52
Th	306 51	23 17	19 47	29 09	12 39	10 25	13 02	6 30	29 14	4 49	49
F	317 49	24 31	21 31	12 51	12 40	10 25	13 36	6 28	29 16	4 45	45

Calculated for Mean Noon at Greenwich

August, 1928

Full Moon August 1st, 3:30 P. M., in $\approx 9^{\circ} 6'$

Full Moon August 31st, 2:34 A. M., in κ $7^{\circ} 25'$

Declination of the Planets

[illegible]

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

September, 1928

New Moon September 14th, 1:20 A. M. in η 20° 58'

Longitude of the Planets

Day	☉ ♈	♀ ♊	♂ ♉	♂ ♈	♂ ♊	♂ ♉	♂ ♈	♂ ♊	♂ ♉	♂ ♈	♂ ♊	
	°	'	°	'	°	'	°	'	°	'	°	
S	8 15 34	4	22 4	26 5	54 12	55 10	17 18	06 6	12 29	33 4	20	
Su	9 16 32	5	36 5	56 19	46 12	57 10	15 18	37 6	10 29	35 4	17	
M	10 17 31	6	50 7	26 3	31 12	59 10	13 19	11 6	07 29	38 4	14	
Tu	11 18 29	8	04 8	55 17	07 13	02 10	11 19	42 6	05 29	40 4	10	
W	12 19 28	9	18 10	25 0	♈33	13 04	10 08	20 14	03 29	42 4	07	
Th	13 20 26	10	32 11	51 13	44 13	07 10	05 20	45 6	01 29	44 4	04	
F	7 14 36	3	08 2	52 21	55 12	53 10	19 17	32 6	14 29	31 4	23	
S	1 8 47	25	45 23	10 26	49 12	42 10	25 14	11 6	R27 29	18 4	45	
Su	2 9 45	26	59 24	52 10	♈57	12 43	10R24	14 45	6 25 29	20 4	38	
M	3 10 43	28	13 26	30 25	11 12	45 10	24 15	19 6	22 29	22 4	30	
Tu	4 11 41	29	27 28	08 9	♊26	12 47	10 23	15 53	6 20 29	24 4	33	
W	5 12 39	0=	40 29	13 23	40 12	48 10	21 16	26 6	18 29	27 4	29	
Th	6 13 38	1	54 1=	19 7	♈50	12 50	10 20	17 00	6 16 29	29 4	20	
F	14 21 24	11	46 13	17 26	42 13	09 10	03 21	17 5	58 29	46 4	07	
S	15 22 23	13	00 14	41 9	=23	13 12	9 59	21 46	5 56 29	48 3	58	
Su	16 23 21	14	14 16	05 21	49 13	15 9	56 22	18 5	54 29	50 3	54	
M	17 24 20	15	28 17	26 4	♈00	13 18	9 52	22 48	5 51 29	52 3	51	
Tu	18 25 19	16	42 18	48 15	59 13	21 9	49 23	18 5	49 29	54 3	48	
W	19 26 17	17	56 20	05 27	51 13	24 9	45 23	47 5	46 29	56 3	44	
Th	20 27 16	19	10 21	23 9	♊38	13 27	9 41	24 17	5 44 29	58 3	45	
F	21 28 15	20	24 22	40 21	26 13	30 9	36 24	45 5	42 0♈00	3 3	39	
S	22 29 13	21	38 23	56 3	♈22	13 34	9 32	25 15	5 39 0	02 3	30	
Su	23 0=	22	52 25	08 15	29 13	37 9	28 25	44 5	36 0	04 3	34	
M	24 1	24	06 26	20 27	53 13	40 9	23 26	12 5	34 0	06 3	30	
Tu	25 2	25	20 27	29 10	♈39	13 44	9 18	26 39	5 32 0	08 3	20	
W	26 3	26	34 28	37 23	49 13	48 9	13 27	07 5	30 0	10 3	23	
Th	27 4	27	47 29	43 7	♈24	13 52	9 08	27 33	5 27 0	12 3	20	
F	28 5	28	01 29	01 0	♈46	21 23	13 56	9 02	28 01	5 25 0	14 3	17
S	29 6	29	05 0	15 1	49 5	♈41	14 00	8 57	28 26	5 23 0	16 3	14
Su	30 7	30	04 1	29 2	47 20	14 14	04 8	51 28	54 5	29 0	18 3	11

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

September, 1928

Full Moon September 29th, 0:42 P. M., in γ $6^{\circ} 6'$

Declination of the Planets

D	S	T.	Dec.	D	D	☉	♀	♂	♄	♅	♆	♁	♂	♄	♅	♆	♁	♂	♄	♅	♆	
	H.M.	°	S	'	°	N	'	°	N	'	°	S	'	°	N	'	°	N	'	°	N	'
1	10 42	5	31		18	17	2	51	3	23	20	55	13	38	21	44	1	52	12	13		
2	10 46	0	N 37		3 7	33	1	50	1	52		55		37	21	54		50		12		
3	10 50	6	48		5 6	49	0	48	0	21		56		36	22	04		49		10		
4	10 53	12	38		7 6	04	0	s 14	1	s 03		57		35	22	12		48		09		
5	10 57	17	49		9 5	19	1	15	2	35		58		34	22	20		46		07		
6	11 01	21	57		11 4	33	2	17	4	00		59		32	22	28		44		06		
					13 3	48	3	19	5	23	21	00		30	22	35		42		05		
7	11 05	24	45		15 3	01	4	20	6	44		01		28	22	42		40		04		
8	11 09	25	59		17 2	15	5	21	8	03		02		25	22	48		38		02		
9	11 13	25	34		19 1	28	6	22	9	18		03		23	22	54		36		00		
10	11 17	23	36		21 0	42	7	22	10	30		05		20	22	29		34	11	59		
11	11 21	20	18		23 0	s 11	8	22	11	40		06		17	23	04		32		57		
12	11 25	15	58		25 0	51	9	21	12	44		07		13	23	08		30		56		
13	11 29	10	57		27 1	38	10	19	13	45		08		10	23	13		29		54		
					29 2	25	11	15	14	42		10		06	23	17		27		53		
14	11 33	5	33		30 2	48	11	44	15	07		10		04	23	19		25		53		

15	11	37	0	01																	
16	11	41	5	s 25																	
Latitude of the Planets																					
17	11	45	10	33	D	D	♀	♂	♄	♅	♆	♁	♂	♄	♅	♆	♁	♂	♄		
18	11	49	15	14	°	S	'	°	N	'	°	N	'	°	S	'	°	S	'	°	N
19	11	53	19	16	1	4	38	1	14	0	44	1	26	1	23	0	47	0	45	0	32
20	11	57	22	31	3	3	10		12		30		25		23		45		45		32
					5	0	55		10		15		25		24		42		45		32
21	12	00	24	49	7	1	N 33		07		s 01		25		24		40		45		32
22	12	04	26	01	9	3	37		03		16		24		25		38		45		32
23	12	08	26	00	11	4	49		00		30		23		25		35		45		32
24	12	12	24	42	13	4	57	0	56		46		23		25		32		45		32
25	12	16	22	07	15	4	04		52	1	03		23		26		30		45		32
26	12	20	18	20	17	2	27		48		18		23		26		27		45		32
27	12	24	13	30	19	0	26		44		34		22		26		24		45		32
					21	1	s 39		39		50		22		27		22		45		32
28	12	28	7	50	23	3	28	35	2	04	21		27		19		45		45		32
29	12	32	1	38	25	4	43	29		19	21		27		16		45		45		32
30	12	36	4	N 46	27	5	04	24		33	21		27		13		45		45		32
					29	4	14	19		45	20		28		09		45		45		32
					30	3	24	17		51	20		28		08		45		45		32

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich

October, 1928

New Moon October 13th, 3:56 P. M., in $\approx 20^{\circ} 4'$
Longitude of the Planets

Day	☉ ♈	♀ ♍	♂ ♊	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈
	°	'	°	'	°	'	°	'	°	'	°	'
M	18	03	2	43	3	43	4	54	14	08	8	R45
Tu	29	02	3	57	4	35	19	34	14	12	8	39
W	3	10	01	5	10	5	26	4	11	08	14	33
Th	4	11	00	6	24	6	12	18	32	14	20	26
F	5	11	59	7	38	6	54	2	54	14	25	20
S	6	12	58	8	52	7	33	16	41	14	29	13
Su	7	13	58	10	05	8	06	0	24	14	34	07
M	8	14	57	11	19	8	35	13	53	14	38	00
Tu	9	15	56	12	33	8	58	27	08	14	43	53
W	10	16	55	13	47	9	16	10	11	14	48	46
Th	11	17	55	15	00	9	27	23	01	14	53	39
F	12	18	54	16	14	9	31	5	38	14	58	32
S	13	19	54	17	28	9	R28	18	03	15	03	24
Su	14	20	53	18	42	9	17	0	11	15	08	17
M	15	21	53	19	55	8	58	12	19	15	13	09
Tu	16	22	52	21	09	8	30	24	13	15	18	01
W	17	23	52	22	23	7	54	6	2	15	23	53
Th	18	24	51	23	37	7	10	17	47	15	28	46
F	19	25	51	24	50	6	16	29	35	15	34	38
S	20	26	52	26	04	5	17	11	29	15	39	30
Su	21	27	51	27	17	4	10	23	34	15	45	22
M	22	28	51	28	31	3	00	5	56	15	50	14
Tu	23	29	51	29	44	1	45	18	38	15	56	06
W	24	0	50	0	53	0	31	1	45	16	01	58
Th	25	1	50	2	12	29	16	15	20	16	07	50
F	26	2	50	3	26	28	07	29	22	16	13	42
S	27	3	50	4	39	27	02	13	27	16	19	33
Su	28	4	50	5	53	26	04	28	35	16	25	25
M	29	5	50	7	06	25	16	13	35	16	30	17
Tu	30	6	50	8	20	24	39	28	38	16	36	09
W	31	7	50	9	32	24	12	13	36	16	42	01

Declination of the Planets

[illegible]

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

November, 1928

New Moon (Partial Eclipse of Sun)

November 12th, 9:35 A. M., in μ $19^{\circ} 46'$

Longitude of the Planets

Day	☉ μ	♀ \uparrow	♂ \wedge	♂ Π	♂ \uparrow	♂ δ	♂ Σ	♂ Υ	♂ Ψ μ	♂ Ω Π
Th	1 8 50	10 46	23R57	28 22	16 48	4 R53	8 32	4 R09	1 06	1 29
F	2 9 50	11 59	23 53	12 Σ 51	16 55	4 45	8 39	4 08	1 07	1 26
S	3 10 50	13 13	24D00	26 58	17 01	4 37	8 46	4 06	1 08	1 23
Su	4 11 50	14 26	24 18	10 Ω 44	17 07	4 29	8 53	4 04	1 09	1 20
M	5 12 50	15 40	24 45	24 08	17 13	4 21	8 59	4 02	1 10	1 17
Tu	6 13 50	16 53	25 23	7 μ 13	17 20	4 13	9 04	4 00	1 11	1 13
W	7 14 51	18 07	26 07	20 01	17 26	4 05	9 08	3 58	1 12	1 10
Th	8 15 51	19 19	26 59	2 \wedge 33	17 32	3 57	9 11	3 57	1 12	1 07
F	9 16 51	20 33	27 57	14 53	17 39	3 49	9 15	3 56	1 13	1 04
S	10 17 52	21 46	29 02	27 02	17 45	3 42	9 16	3 55	1 14	1 01
Su	11 18 52	22 59	0 μ 11	9 μ 03	17 52	3 34	9 18	3 53	1 15	0 58
M	12 19 52	24 12	1 23	20 58	17 58	3 26	9 17	3 51	1 16	0 55
Tu	13 20 53	25 26	2 40	2 \uparrow 47	18 05	3 19	9 R16	3 50	1 16	0 53
W	14 21 53	26 38	4 00	14 34	18 11	3 12	9 15	3 49	1 17	0 49
Th	15 22 54	27 53	5 22	26 21	18 18	3 04	9 13	3 47	1 17	0 46
F	16 23 54	29 04	6 48	8 \wedge 11	18 25	2 57	9 09	3 46	1 18	0 43
S	17 24 55	0 \wedge 19	8 13	20 06	18 31	2 50	9 06	3 44	1 19	0 39
Su	18 25 55	1 31	9 41	2 \wedge 12	18 38	2 43	9 00	3 43	1 19	0 36
M	19 26 56	2 45	11 09	14 31	18 45	2 36	8 55	3 42	1 20	0 33
Tu	20 27 56	3 57	12 40	27 09	18 51	2 30	8 47	3 41	1 20	0 29
W	21 28 57	5 11	14 10	10 \times 09	18 58	2 23	8 40	3 40	1 21	0 26
Th	22 29 58	6 23	15 43	23 34	19 05	2 17	8 31	3 39	1 21	0 23
F	23 0 \uparrow 58	7 37	17 15	7 Υ 26	19 12	2 11	8 23	3 38	1 21	0 19
S	24 1 59	8 48	18 48	21 45	19 19	2 05	8 12	3 37	1 22	0 16
Su	25 3 00	10 02	20 20	6 \times 29	19 26	1 58	8 01	3 36	1 22	0 13
M	26 4 00	11 14	21 54	21 31	19 33	1 53	7 51	3 36	1 22	0 09
Tu	27 5 01	12 28	23 26	6 Π 44	19 40	1 47	7 37	3 35	1 22	0 06
W	28 6 02	13 39	25 01	21 58	19 46	1 42	7 23	3 34	1 23	0 03
Th	29 7 03	14 53	26 33	7 Σ 04	19 53	1 37	7 09	3 33	1 23	29 8
F	30 8 03	16 04	28 08	21 51	20 00	1 32	6 53	3 33	1 23	29 5

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich
November, 1928
Full Moon (Total Eclipse of Moon)
November 27th, 9:05 A. M., in Π $4^{\circ} 53'$
Declination of the Planets

D	S. T.	Dec.	D	☉	♀	♂	♂	♂	♂	♂	♂	♂									
H. M.	°	N	'	°	S	'	°	S	'	°	N	'	°	N	'	°	N	'	°	N	'
1	14 42	25	54	1	14 26	23 15	7 54	21 33	11 46	24 09	0 59	11 26									
2	14 46	26	22	3	15 05	23 40	7 35	34	41	13	58	36									
3	14 50	25	05	5	15 42	24 02	7 38	36	36	17	56	35									
4	14 54	22	19	7	16 18	24 22	8 00	37	31	22	54	34									
5	14 58	18	25	9	16 53	24 38	8 37	39	26	27	52	34									
6	15 02	13	43	11	17 26	24 52	9 25	40	21	32	51	33									
				13	17 59	25 02	10 21	41	16	38	51	33									
7	15 06	8	32	15	18 30	25 10	11 23	43	12	44	50	33									
8	15 10	3	05	17	19 00	25 15	12 27	44	07	50	48	32									
9	15 14	2	s23	19	19 29	25 17	13 34	46	03	57	48	32									
0	15 18	7	42	21	19 56	25 16	14 40	47	10 59	25 04	47	32									
1	15 22	12	41	23	20 22	25 12	15 45	48	55	11	47	31									
2	15 25	17	10	25	20 46	25 04	16 49	49	51	18	46	31									
3	15 29	20	56	27	21 09	24 55	17 50	51	48	26	46	31									
				29	21 30	24 41	18 49	52	45	33	45	31									
4	15 33	23	51	30	21 40	24 34	19 17	52	42	37	44	31									
5	15 37	25	43	Latitude of the Planets																	
6	15 41	26	26	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
7	15 45	25	56	°	N	'	°	S	'	°	N	'	°	N	'	°	S	'	°	N	'
8	15 49	24	14	1	2 28	1 12	1 30	1 15	1 28	0 58	0 45	0 33									
9	15 53	21	21	3	4 23	1 17	2 00	1 15	1 28	1 03	0 45	0 33									
0	15 57	17	26	5	5 14	2 22	0 06	1 15	1 27	0 09	0 45	0 33									
				7	4 58	2 27	1 14	1 14	1 27	1 14	0 45	0 33									
1	16 01	12	36	9	3 47	3 32	1 17	1 14	1 27	1 19	0 45	0 33									
2	16 05	7	02	11	1 56	3 36	1 16	1 14	1 27	1 25	0 45	0 33									
3	16 09	0	57	13	0 s13	4 41	1 11	1 14	1 27	1 30	0 44	0 34									
4	16 13	5	N24	15	2 19	4 44	0 03	1 13	1 26	1 36	0 44	0 34									
5	16 17	11	39	17	4 03	4 48	1 54	1 13	1 26	1 42	0 44	0 34									
6	16 21	17	21	19	5 06	5 51	4 42	1 13	1 25	1 47	0 44	0 34									
7	16 25	22	01	21	5 14	5 55	3 30	1 13	1 25	1 54	0 44	0 34									
				23	4 14	5 58	1 17	1 13	1 24	2 00	0 44	0 34									
8	16 29	25	09	25	2 10	2 01	0 04	1 12	1 24	1 06	0 44	0 34									
9	16 33	26	25	27	0 N35	0 03	0 50	1 12	1 23	1 12	0 44	0 34									
0	16 36	25	46	29	3 10	0 05	0 35	1 12	1 23	1 18	0 44	0 34									
				30	4 08	0 05	0 28	1 12	1 23	1 21	0 44	0 34									

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich

December, 1928

New Moon December 12th, 5:06 A. M., in ♄ 19° 57'

Longitude of the Planets

Day	☉ ♌	♀ ♍	♂ ♎	♄ ♏	♅ ♐	♆ ♑	♇ ♒	♈ ♓	♁ ♊	♂ ♋	♂ ♌
	°	°	°	°	°	°	°	°	°	°	°
S	19 04 17 18	29 40 6	16 20 07	1 R27 6	B38 3	R32 1	23 29 5				
Su	2 10 05 18 29	1 ♄ 15 20	14 20 14	1 22 6	21 3	31 1	23 29 4				
M	3 11 06 19 43	3 04 3	♎44 20 21	1 17 6	04 3	30 1	R23 29 4				
Tu	4 12 07 20 54	4 23 16	50 20 29	1 13 5	45 3	30 1	23 29 4				
W	5 13 08 22 08	5 57 29	33 20 36	1 08 5	27 3	29 1	23 29 4				
Th	6 14 09 23 19	7 30 11	♎57 20 43	1 05 5	08 3	29 1	23 29 3				
F	7 15 10 24 33	9 04 24	06 20 50	1 01 4	48 3	29 1	23 29 3				
S	8 16 11 25 44	10 38 6	♎05 20 57	0 57 4	27 3	29 1	23 29 3				
Su	9 17 12 26 56	12 12 17	57 21 04	0 53 4	07 3	28 1	23 29 2				
M	10 18 13 28 08	13 46 29	46 21 11	0 50 3	45 3	28 1	22 29 5				
Tu	11 19 14 29 20	15 20 11	♄33 21 18	0 47 3	23 3	D28 1	22 29 2				
Th	13 21 16 1 44	18 28 5	♍12 21 32	0 42 2	38 3	28 1	22 29 1				
W	12 20 15 0 ♎32	16 54 23	21 21 25	0 44 3	00 3	28 1	22 29 1				
F	14 22 17 2 56	20 03 17	08 21 39	0 39 2	15 3	28 1	21 29 1				
S	15 23 18 4 08	21 37 29	12 21 46	0 37 1	52 3	28 1	21 29 0				
Su	16 24 19 5 19	23 12 11	♎24 21 54	0 35 1	28 3	28 1	21 29 0				
M	17 25 20 6 31	24 46 23	48 22 01	0 33 1	05 3	28 1	21 29 0				
Tu	18 26 21 7 42	26 21 6	♈27 22 08	0 31 0	41 3	29 1	20 28 5				
W	19 27 22 8 54	27 55 19	23 22 15	0 30 0	17 3	29 1	19 28 5				
Th	20 28 23 10 05	29 30 2	♈39 22 22	0 29 29	II 54 3	29 1	19 28 5				
F	21 29 24 11 17	1 ♍06 16	18 22 29	0 28 29	30 3	29 1	18 28 4				
S	22 0 ♍25 12 27	2 41 0	♈21 22 36	0 27 29	06 3	30 1	17 28 4				
Su	23 1 27 13 39	4 17 14	47 22 43	0 26 28	43 3	31 1	16 28 4				
M	24 2 28 14 49	5 53 29	35 22 50	0 26 28	20 3	31 1	16 28 4				
Tu	25 3 29 16 01	7 29 14	II 38 22 57	0 D25 27	57 3	32 1	15 28 3				
W	26 4 30 17 10	9 06 29	49 23 04	0 26 27	34 3	33 1	14 28 3				
Th	27 5 31 18 22	10 42 14	♎59 23 11	0 26 27	12 3	34 1	14 28 3				
F	28 6 32 19 31	12 20 29	56 23 18	0 26 26	50 3	35 1	13 29 2				
S	29 7 33 20 43	13 56 14	♏33 23 25	0 27 26	28 3	36 1	12 28 2				
Su	30 8 35 21 51	15 34 28	43 23 32	0 28 26	08 3	36 1	11 28 2				
M	31 9 36 23 00	17 10 12	♎25 23 39	0 29 25	46 3	37 1	10 28 1				

SIMPLIFIED SCIENTIFIC
Calculated for Mean Noon at Greenwich
December, 1928
Full Moon December 26th, 7:55 P. M., in ϖ $4^{\circ} 49'$
Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♄	♅	♆	♁	♂	♁				
	H. M.	°	N	'	°	S	'	°	S	'	°	N	'	°	N	'
1	16 40	23	23		1 21	49	24 25	19 44	21 53	10 42	25 41	0 44	11 31			
2	16 44	19	41		3 22	07	24 07	20 36	54	39	25 48	44	31			
3	16 48	15	03		5 22	23	23 45	21 25	55	36	25 55	44	31			
4	16 52	9	53		7 22	37	23 21	22 09	57	34	26 03	43	31			
5	16 56	4	26		9 22	50	22 54	22 48	58	32	26 10	43	31			
6	17 00	1	s04		11 23	01	22 25	23 23	59	31	26 16	43	32			
					13 23	10	21 53	23 54	22 00	29	26 22	43	32			
7	17 04	6	26		15 23	17	21 19	24 20	01	28	26 27	43	32			
8	17 08	11	29		17 23	22	20 43	24 40	02	27	26 31	43	33			
9	17 12	16	05		19 23	25	20 03	24 55	03	27	26 36	43	33			
0	17 16	20	02		21 23	27	19 22	24 05	04	27	26 39	43	33			
1	17 20	23	11		23 23	26	18 39	25 09	05	27	26 42	44	34			
2	17 24	25	20		25 23	24	17 55	25 08	05	27	26 44	44	35			
3	17 28	26	21		27 23	20	17 08	25 00	06	28	26 46	45	35			
					29 23	14	16 20	24 46	07	29	26 47	46	36			
4	17 32	26	09		31 23	06	15 25	24 27	08	29	26 47	47	36			

5	17	36	24	43	Latitude of the Planets																
6	17	40	22	08	D	D	♀	♂	♂	♂	♂	♂	♂	♂							
7	17	43	18	30	°	°	°	°	°	°	°	°	°	°							
8	17	47	13	59	N	S	N	S	N	S	N	S	N								
9	17	51	8	45	1	4	50	2	06	0	21	1	12	1	22	2	24	0	44	0	34
0	17	55	3	00	3	5	17		07		07		12		22		30		44		34
					5	4	38		09		s07		12		21		36		44		34
1	17	59	3	N03	7	3	09		10		20		11		21		41		44		34
2	18	03	9	09	9	1	09		10		33		11		20		47		44		34
3	18	07	14	57	11	1	s01		10		46		11		20		52		43		34
4	18	11	20	01	13	3	00		09		58		11		19		56		43		34
5	18	15	23	52	15	4	29		08	1	09		11		18	3	01		43		34
6	18	19	26	02	17	5	12		07		20		11		18		05		43		35
7	18	23	26	15	19	4	57		05		31		11		17		09		43		35
					21	8	38		03		39		11		17		12		43		35
8	18	27	24	34	23	1	24		00		47		11		16		15		43		35
9	18	31	21	15	25	1	N18	1	57		54		10		15		18		43		35
0	18	35	16	47	27	3	40		54	2	00		10		15		21		43		35
1	18	39	11	35	29	5	00		49		04		10		14		23		43		35
					31	5	09		45		07		10		18		24		43		35

TABLE OF PROPORTIONAL LOGARITHMS

Hours or Degrees

Min.	0	1	2	3	4	5	6	7	8	9	10	11
0	3.1584	1.3802	1.0792	9031	7781	6812	6021	5351	4771	4260	3802	3388
1	3.1584	.3730	.0756	07	63	6798	09	41	62	52	3795	82
2	2.8573	.3660	.0720	8983	45	84	5997	30	53	44	88	75
3	.6812	.3590	.0685	59	28	69	85	20	44	36	80	68
4	.5563	.3522	.0649	8935	10	55	73	10	35	28	74	62
5	2.4594	1.3454	1.0614	8912	7692	6741	5961	5300	4726	4220	3766	3355
6	.3802	.3388	.0580	8888	74	26	49	5289	17	12	59	49
7	.3133	.3323	.0546	65	57	12	37	79	08	04	52	42
8	.2553	.3258	.0511	42	39	6698	25	69	4699	4196	45	36
9	.2041	.3195	.0478	19	22	84	13	59	90	88	38	29
10	2.1584	1.3133	1.0444	8796	7604	6670	5902	5249	4682	4180	3730	3323
11	.1170	.3071	.0411	73	7587	56	5890	39	73	72	23	16
12	.0792	.3010	.0378	51	70	42	78	29	64	64	16	10
13	.0444	.2950	.0345	28	52	28	66	19	55	56	09	03
14	.0122	.2891	.0313	06	35	14	55	09	46	49	02	3297
15	1.9823	1.2833	1.0280	8683	7518	6600	5843	5199	4638	4141	3695	3291
16	.9542	.2775	.0248	61	01	6587	32	89	29	33	88	84
17	.9279	.2719	.0216	39	7484	73	20	79	20	25	81	78
18	.9031	.2663	.0185	17	67	59	09	69	11	17	74	71
19	.8796	.2607	.0153	8595	51	46	5797	59	03	09	67	65
20	1.8573	1.2553	1.0122	8573	7434	6532	5786	5149	4594	4102	3660	3258
21	.8361	.2499	.0091	52	17	19	74	39	85	4094	53	52
22	.8159	.2445	.0061	30	01	05	63	29	77	86	46	46
23	.7966	.2393	.0030	09	7384	6492	52	20	68	79	39	39
24	.7781	.2341	1.0000	8487	68	78	40	10	59	71	32	33
25	1.7604	1.2289	0.9970	8466	7351	6465	5729	5100	4851	4063	3625	3227
26	.7434	.2239	.9940	45	35	51	18	5090	42	55	18	20
27	.7270	.2188	.9910	24	18	38	06	81	34	48	11	14
28	.7112	.2139	.9881	03	02	25	5695	71	25	40	04	08
29	.6960	.2090	.9852	8382	7286	12	84	61	16	32	3597	01
30	1.6812	1.2041	0.9823	8361	7270	6398	5673	5051	4508	4025	3590	3195
31	.6670	.1993	.9794	41	54	85	62	42	4499	17	83	89
32	.6532	.1946	.9765	21	38	72	51	32	91	10	77	83
33	.6398	.1899	.9737	00	22	59	40	23	82	02	70	76
34	.6269	.1852	.9708	8279	06	46	29	13	74	3995	63	70
35	1.6143	1.1806	0.9680	8259	7190	6333	5618	5003	4466	3987	3556	3164
36	.6021	.1761	.9652	39	74	20	07	4994	57	79	49	57
37	.5902	.1716	.9625	19	59	07	5596	84	49	72	42	51
38	.5786	.1671	.9597	8199	43	6294	85	75	40	64	35	45
39	.5673	.1627	.9570	79	28	82	74	65	32	57	29	39
40	1.5563	1.1584	0.9542	8159	7112	6269	5563	4956	4424	3949	3522	3133
41	.5456	.1540	.9515	40	7097	56	52	47	15	42	15	26
42	.5351	.1498	.9488	20	81	43	41	37	07	34	08	20
43	.5249	.1455	.9462	01	66	31	31	28	4399	27	01	14
44	.5149	.1413	.9435	8081	50	18	20	18	90	19	3495	08
45	1.5051	1.1372	0.9409	8062	7035	6205	5509	4909	4382	3912	3488	3102
46	.4956	.1331	.9383	43	20	6193	5498	00	74	05	81	3096
47	.4863	.1290	.9356	23	05	80	88	4890	65	3897	75	89
48	.4771	.1249	.9330	04	6990	68	77	81	57	90	68	83
49	.4682	.1209	.9305	7985	75	55	66	72	49	82	61	77
50	1.4594	1.1170	0.9279	7966	6960	6143	5456	4863	4341	3875	3455	3071
51	.4508	.1130	.9254	47	45	31	45	53	33	68	48	65
52	.4424	.1091	.9228	29	30	18	35	44	24	60	41	59
53	.4341	.1053	.9203	10	15	06	24	35	16	53	35	53
54	.4260	.1015	.9178	7891	00	6094	14	26	08	46	28	47
55	1.4180	1.0977	0.9153	7873	6885	6081	5403	4817	4300	3838	3421	3041
56	.4102	.0939	.9128	54	71	69	5393	08	4292	31	15	35
57	.4025	.0902	.9104	36	56	57	82	4799	84	24	08	28
58	.3949	.0865	.9079	18	41	45	72	89	76	17	01	22
59	.3875	.0828	.9055	00	27	33	61	80	68	09	3395	16

TABLE OF PROPORTIONAL LOGARITHMS

Hours or Degrees

Min.	12	13	14	15	16	17	18	19	20	21	22	23
0	3010	2663	2341	2041	1761	1498	1249	1015	0792	0580	0378	0185
1	04	57	35	36	56	93	45	11	88	77	75	82
2	2998	52	30	32	52	89	41	07	85	73	71	79
3	92	46	25	27	47	85	37	03	81	70	68	75
4	86	41	20	22	43	81	34	0999	77	66	64	72
5	2980	2635	2315	2017	1738	1476	1229	0996	0774	0563	0361	0169
6	74	29	10	12	34	72	25	92	70	59	58	66
7	68	24	05	08	29	68	21	88	66	56	55	63
8	62	18	00	03	25	64	17	84	63	52	52	60
9	56	13	2295	1998	20	60	13	80	59	49	48	57
10	2950	2607	89	1993	1716	1455	1209	0977	0756	0546	0345	0153
11	45	02	84	89	11	51	05	73	52	42	42	50
12	38	2596	79	84	07	47	01	69	49	39	39	47
13	33	91	74	79	02	43	1197	65	45	35	35	44
14	27	85	69	74	1698	38	93	62	42	32	32	41
15	2921	2580	2264	1969	1694	1434	1189	0958	0738	0529	0329	0138
16	15	75	59	65	89	30	85	54	34	25	26	35
17	09	69	54	60	85	26	82	50	31	22	22	32
18	03	64	49	55	80	22	78	47	27	18	19	29
19	2897	58	44	50	76	17	74	43	24	15	16	25
20	2891	2553	2239	1946	1671	1413	1170	0939	0720	0511	0313	0122
21	85	47	34	41	67	09	66	35	17	08	09	19
22	80	42	29	35	63	05	62	32	13	05	06	16
23	74	36	23	32	58	01	58	28	09	01	03	13
24	68	31	18	27	54	1397	54	24	06	0498	00	10
25	2862	2526	2213	1922	1649	1393	1150	0920	0702	0495	0296	0107
26	56	20	08	17	45	88	46	17	0699	91	92	04
27	50	15	03	13	40	84	42	13	95	88	90	01
28	45	09	2198	08	36	80	38	09	92	85	87	0098
29	39	04	93	03	32	76	34	05	88	81	83	94
30	2833	2499	2188	1899	1627	1372	1130	0902	0685	0478	0280	0091
31	27	93	83	94	23	68	26	0898	81	74	77	88
32	21	88	78	90	19	63	23	94	78	71	74	85
33	16	83	73	85	14	59	19	91	74	68	71	82
34	10	77	68	80	10	55	15	87	70	64	67	79
35	2804	2472	2164	1875	1605	1351	1111	0883	0667	0461	0264	0076
36	2798	67	59	71	01	47	07	80	64	58	61	73
37	93	61	54	66	1597	43	03	76	60	54	58	70
38	87	56	49	62	92	39	1099	72	56	51	55	67
39	81	51	44	57	88	35	95	68	53	48	51	64
40	2775	2445	2139	1852	1584	1331	1092	0865	0649	0444	0248	0061
41	70	40	34	48	79	27	88	61	46	41	45	58
42	64	35	29	43	75	22	84	57	42	37	42	55
43	58	30	24	38	71	18	80	54	39	34	39	52
44	53	24	19	34	66	14	76	50	35	31	35	48
45	2747	2419	2114	1829	1562	1310	1072	0846	0632	0428	0232	0045
46	41	14	09	25	58	06	68	43	29	24	29	42
47	36	09	04	20	53	02	64	39	25	21	26	39
48	30	03	2099	16	49	1298	61	35	21	18	23	36
49	24	2398	2095	11	45	94	57	32	18	14	20	33
50	2719	2393	2090	1806	1540	1290	1053	0828	0614	0411	0216	0030
51	13	88	85	02	36	86	49	24	11	08	13	27
52	07	82	80	1797	32	82	45	21	08	04	10	24
53	02	77	75	93	28	78	41	17	04	01	07	21
54	2696	72	70	88	23	74	37	14	01	0398	04	18
55	2691	2367	2065	1784	1519	1270	1034	0810	0597	0394	0201	0015
56	85	62	61	79	15	66	30	06	94	91	0197	12
57	79	56	56	74	10	61	26	03	90	88	94	09
58	74	51	51	70	06	57	22	0799	87	84	91	06
59	68	46	46	65	02	53	18	95	83	81	88	03

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EPHEMERIS OF PLUTO FOR 1929

Date	Long.	Dec.	Date	Long.	Dec.
January 27	16° 53' R	21° N 46'	July 26	18° 51' 19"	21° N 48'
February 26	16° 52' 24"	21° N 51'	August 25	19° 52' 0"	21° N 44'
March 26	16° 52' 11"	21° N 55'	September 24	19° 52' 28"	21° N 41'
April 27	16° 52' 21" D	21° N 56'	October 24	19° 52' 36"	21° N 41'
May 27	16° 52' 50"	21° N 55'	November 23	19° 52' 23" R	21° N 45'
June 26	17° 52' 32"	21° N 52'	December 23	18° 52' 52"	21° N 51'

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SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

New Moon January 11th, 0:28 A. M., in ϖ 20° 20'

January 1929.

Longitude of the Planets

Day	☉ ♈	♀ ♍	♂ ♊	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈
	°	°	°	°	°	°	°	°	°	°	°
Tu	1 10 37.24	12 18 49.25	37 23 46.0	30 25.26 3	38 1 R09.28 1						
W	2 11 38.25	23 20 26.8	24.23 53.0	32 25 07.3	39 1 08.28 1						
Th	3 12 39.26	32 22 04.20	48.23 59.0	33 24 49.3	40 1 07.28 0						
F	4 13 40.27	42 23 43.2	55.24 07.0	35 24 30.3	41 1 05.28 0						
S	5 14 42.28	51 25 22.14	51.24 13.0	37 24 12.3	43 1 04.28 0						
Su	6 15 43.0	00.27 00.26	39.24 20.0	40 23 56.3	44 1 03.27 5						
M	7 16 44.1	09.28 38.8	25.24 27.0	42 23 40.3	45 1 02.27 5						
Tu	8 17 45.2	17.0	16.20 12.24	45 23 24.3	46 1 01.27 5						
W	9 18 46.3	27.1 54.2	♈ 4.24 40.0	47 23 09.3	48 1 00.27 4						
Th	10 19 47.4	36.3 31.14	2.24 47.0	51 22 55.3	49.0 59.27 4						
F	11 20 49.5	43.5 08.26	9.24 54.0	54 22 42.3	51.0 58.27 4						
S	12 21 50.6	53.6 43.8	26.25 00.0	58 22 29.3	52.0 57.27 4						
Su	13 22 51.8	01.8 18.20	53.25 06.1	01 22 17.3	54.0 55.27 3						
M	14 23 52.9	09.9 51.3	31.25 13.1	05 22 07.3	55.0 54.27 3						
Tu	15 24 53.10	16.11 23.16	21.25 20.1	09 21 57.3	57.0 53.27 3						
W	16 25 54.11	24.12 52.29	23.25 26.1	14 21 48.3	59.0 52.27 2						
Th	17 26 54.12	31.14 19.12	♈ 40.25 33.1	18 21 40.4	01.0 50.27 2						
F	18 27 56.13	38.15 42.26	13.25 39.1	22 21 32.4	03.0 49.27 2						
S	19 28 57.14	45.17 02.10	♈ 3.25 45.1	27 21 25.4	05.0 47.27 1						
Su	20 29 58.15	51.18 18.24	11.25 52.1	33 21 19.4	07.0 46.27 1						
M	21 0 59.16	57.19 28.8	♈ 37.25 58.1	38 21 14.4	09.0 45.27 1						
Tu	22 2 01.18	04.20 33.23	17.26 05.1	44 21 09.4	11.0 43.27 0						
W	23 3 02.19	10.21 32.8	♈ 8.26 10.1	49 21 06.4	13.0 42.27 0						
Th	24 4 03.20	16.22 22.23	2.26 17.1	55 21 03.4	14.0 40.27 0						
F	25 5 04.21	22.23 05.7	♈ 49.26 23.2	00 21 01.4	16.0 39.26 5						
S	26 6 05.22	26.23 43.22	23.26 29.2	06 21 00.4	18.0 37.26 5						
Su	27 7 06.23	31.24 07.6	♈ 35.26 35.2	12 21 00.4	20.0 36.26 5						
M	28 8 06.24	36.24 16.20	21.26 41.2	19 21 00.4	23.0 35.26 4						
Tu	29 9 07.25	40.24 19.3	♈ 40.26 47.2	25 21.01.4	25.0 33.26 4						
W	30 10 08.26	44.24.10.16	32.26 52.2	32 21 03.4	28.0 31.26 4						
Th	31 11 09.27	47.23 50.29	00.26 58.2	39 21 05.4	30.0 29.26 3						

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich
January 1929.

Full Moon January 25th, 7:09 A. M., in Ω $4^{\circ} 48'$
Declination of the Planets

S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	
H.M.	° N	'	° S	' S	° S	' S	° S	' N	° N	' N	° N	' N
1 18 43	6	1	1 23	2	15 05	24 14	22 08	10 30	26 47	0 48	11 37	
2 18 47	0	23	2 22	57	14 39	24 01	08	31	47	48	37	
3 18 50	5	s 6	4 22	45	13 46	23 28	09	33	47	49	38	
4 18 54	10	18	6 22	32	12 52	22 50	10	35	46	50	39	
5 18 58	15	2	8 22	16	11 57	22 05	10	37	44	51	39	
6 19 2	19	8	10 21	59	11 01	21 15	11	40	43	52	40	
			12 21	40	10 04	20 19	11	43	41	54	41	
7 19 6	22	29	14 21	21	9 06	19 17	12	46	39	55	42	
8 19 10	14	53	16 20	59	8 07	18 12	12	50	37	56	43	
9 19 14	26	11	18 20	35	7 08	17 04	13	54	35	58	44	
0 19 18	26	17	20 20	10	6 08	15 55	13	58	33	59	45	
1 19 22	25	7	22 19	43	5 08	14 48	13	11 02	31	1 01	46	
2 19 26	22	45	24 19	15	4 07	13 44	14	06	30	03	47	
3 19 30	19	19	26 18	46	3 07	12 48	14	11	28	04	48	
			28 18	15	2 06	12 03	14	16	26	06	49	
4 19 34	14	57	30 17	43	1 05	11 32	15	21	24	08	50	
5 19 38	9	52	Latitude of the Planets									
6 19 42	4	16										
D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	
° N	'	° S	' S	° S	' N	° S	' N	° S	' N	° S	' N	
19 46	1 N 38	1 4	40	1 45	2 08	1 10	1 13	3 25	0 42	0 34		
3 19 50	7	18	2 4	3	40	08	10	13	26	42	34	
0 19 54	13	27	4 2	20	35	07	10	12	27	42	35	
1 19 57	18		6 0	17	30	05	10	11	27	42	35	
			8 1	s 48	23	02	10	11	28	42	35	
2 20 11	22	38	10 3	36	16	1 55	10	10	28	42	35	
3 20 5	25	25	12 4	46	09	45	10	10	27	42	35	
4 20 9	26	26	14 5	04	01	33	10	09	27	42	35	
5 20 13	25	33	16 4	23	0	54	18	10	08	26	41	
6 20 17	22	54	18 2	44	45	0	59	10	08	25	41	
7 20 21	18	48	20 0	23	36	35	10	07	24	41	35	
8 20 25	13	43	22 2	N 8	27	10	10	07	22	41	35	
			24 4	8	17	N 20	10	06	21	41	35	
9 20 33	2	17	26 5	1	07	53	10	05	19	41	35	
0 20 37	3	s 26	28 4	39	N 04	1 28	10	05	18	41	35	
1 20 41	8	52	30 3	19	14	2 02	10	04	16	41	35	

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

February, 1929

New Moon February 9th, 5:55 P. M., in ♍ 20° 33'

Longitude of the Planets

Day	☉ ♈	♀ ♋	♂ ♌	♂ ♍	♂ ♎	♂ ♏	♂ ♐	♂ ♑	♂ ♒	♂ ♓
	°	'	°	'	°	'	°	'	°	'
F	1 12 10	28 52	23 _R 20	11 10	27 03	2 46	21 09	4 32	0 29	26 30
S	2 13 11	29 55	22 39	23 6	27 09	2 53	21 13	4 34	0 27	26 30
Su	3 14 12	0 ♄	56 21	49 4	♄ 55	27 15	3 01	21 18	4 37	0 25
M	4 15 13	2 03	20 51	16 42	27 21	3 09	21 23	4 39	0 23	26 20
Tu	5 16 14	3 00	19 48	28 31	27 26	3 16	21 29	4 42	0 22	26 20
W	6 17 14	4 01	18 39	10 _♂ 27	27 32	3 24	21 36	4 45	0 20	26 20
Th	7 18 15	5 02	17 29	22 33	27 37	3 32	21 43	4 48	0 19	26 17
F	8 19 16	6 03	16 17	4 ♋	52 27	40 21	51 4	51 0	18 26	14
S	9 20 17	7 03	15 08	17 24	27 47	3 48	22 00	4 52	0 16	26 10
Su	10 21 17	8 03	14 01	0 ♋	9 27	52 3	57 22	09 4	55 0	14 26
M	11 22 18	9 02	13 00	13 8	27 56	4 05	22 19	4 58	0 12	26 4
Tu	12 23 19	10 01	12 03	26 18	28 03	4 14	22 29	5 01	0 10	26
W	13 24 20	10 59	11 15	9 ♄	39 28	07 4	23 22	40 5	03 0	09 25
Th	14 25 20	11 57	10 33	23 10	28 12	4 32	22 52	5 06	0 07	25 58
F	15 26 21	12 54	9 57	6 ♄	50 28	17 4	41 23	04 5	09 0	05 25
S	16 27 21	13 51	9 31	20 40	28 23	4 50	23 17	5 12	0 03	25 48
Su	17 28 22	14 46	9 13	4 ♋	40 28	27 4	59 23	30 5	14 0	02 25
M	18 29 22	15 42	9 00	18 50	28 31	5 08	23 44	5 17	0 00	25 48
Tu	19 0 ♋	23 16	37 8	♂ 56	3 8	28 36	5 18	23 58	5 20	29 58
W	20 1 23	17 31	8 58	17 33	28 40	5 28	24 13	5 23	29 56	25 30
Th	21 2 24	18 22	9 08	2 ♋	0 28	44 5	38 24	28 5	26 29	56 25
F	22 3 24	19 17	9 23	16 23	28 49	5 48	24 46	5 29	29 54	25 29
S	23 4 24	20 09	9 44	0 ♋	36 28	53 5	59 25	00 5	32 29	52 25
Su	24 5 25	21 00	10 11	14 34	28 57	6 09	25 17	5 35	29 50	25 23
M	25 6 25	21 51	10 42	28 11	29 01	6 19	25 34	5 38	29 49	25 20
Tu	26 7 25	22 40	11 18	11 ♋	25 29	06 6	29 25	51 5	41 29	47 25
W	27 8 25	23 30	11 58	24 17	29 09	6 39	26 10	5 44	29 45	25 13
Th	28 9 26	24 18	12 43	6 ♋	47 29	13 6	50 26	28 5	48 29	43 25

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

February, 1929

Full Moon February 23rd, 6:59 P. M., in η 4° 40'

Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
H.M.	°	S	'	°	S	'	°	S	'	°	S	'	°	N	'	°	N	'	°	N	'		
1	20 45	13	51	1	17 9	0	3	11 17	22	15	11 26	26	23	1	9	11	51						
2	20 49	18	12	3	16 34	0	N 56		19	15	32	22	11		52								
3	20 53	21	47	5	15 59	1	57		37	15	37	21	13		54								
4	20 57	24	27	7		22	2	57	12 08	16	43	20	16		55								
5	21 01	26	4	9	14 44	3	57		47	16	49	19	18		56								
6	21 04	26	29	11		05	4	56	13 29	16	55	18	20		57								
				13	13 25	5	55	14 11		16	12 02	17	22		58								
7	21 08	25	39	15	12 46	6	52		50	16	08	16	24	12	0								
8	21 12	23	34	17		24	7	48	15 24	16	15	15	27		1								
9	21 16	20	19	19	11 21	8	45		52	16	22	14	29		2								
10	21 20	16	5	21	10 38	9	40	16 14		16	29	13	32		3								
11	21 24	11	3	23	9 54	10	33		29	16	35	13	34		4								
12	21 28	5	26	25		10	11	26		38	16	43	12	36	6								
13	21 32	0	N 30	27	8 25	12	17		40	16	50	11	39		7								
Latitude of the Planets																							
D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂			
°	N	'	°	N	'	°	N	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'
1	1	25	0	26	2	35	1	10	1	04	3	14	0	41	0	36							
2	3	40		38	3	04		10		04		12		41		36							
3	5	2	37	50		25		10		03		10		41		36							
4	7	4	8	1	02	38		10		03		08		41		36							
5	9		56	15	39		10		02		06		41		36								
6	11		47	27	33		10		02		04		41		36								
7	13	3	37	42	20		10		01		02		41		36								
8	15	1	37	56	02		10		01		00		41		36								
9	17	0	N 48	2	10	2	39	10		00	2	58	41		36								
10	19	3	4	24	15		10		00		56	41		36									
11	21	4	36	39	1	49	10	0	59	53	41		36										
12	23		59	53	23		11		59	51	41		36										
13	25	11	3	08	0	58	11		59	49	41		36										
14	27	2	31	24	34		11		58	47	41		36										

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

New Moon March 11th, 8:37 A. M., in ♋ 20° 18'

March, 1929.

Longitude of the Planets

Day	☉ ♈	♀ ♍	♂ ♊	♄ ♈	♅ ♉	♆ ♊	♇ ♋	♈ ♈	♉ ♉	♊ ♊	♋ ♋	♌ ♌	♍ ♍
	°	'	°	'	°	'	°	'	°	'	°	'	'
F	1	10 26	25 05	13 31	18 59	29 17	7 01	26 46	5 51	29 _R 42	25 07		
S	2	11 26	25 51	14 22	0 † 58	29 21	7 12	27 05	5 54	29 41	25 04		
Su	3	12 26	26 36	15 16	12 49	29 24	7 23	27 24	5 57	29 39	25 01		
M	4	13 26	27 21	16 14	24 37	29 28	7 34	27 44	6 01	29 37	24 57		
Tu	5	14 26	28 04	17 14	6 ♄ 28	29 31	7 45	28 09	6 04	29 36	24 54		
W	6	15 26	28 46	18 17	18 27	29 34	7 56	28 29	6 07	29 34	24 51		
Th	7	16 27	29 27	19 22	0 ♄ 39	29 37	8 07	28 45	6 11	29 32	24 48		
F	8	17 27	0 8	07 20	29 13	06 29	41 8	18 29	07 6	14 29	30 24	45	
S	9	18 27	0 46	21 39	25 50	29 44	8 30	29 28	6 17	29 28	24 41		
Su	10	19 26	1 23	22 51	8 ♋ 52	29 46	8 42	29 50	6 20	29 27	24 38		
M	11	20 26	1 59	24 04	22 11	29 49	8 53	0 ♄ 12	6 24	29 25	24 35		
Tu	12	21 26	2 34	25 20	5 ♍ 46	29 52	9 05	0 34	6 27	29 24	24 32		
W	13	22 26	3 07	26 36	19 32	29 55	9 17	0 57	6 30	29 23	24 29		
Th	14	23 26	3 39	27 54	3 8 27	29 57	9 30	1 20	6 33	29 21	24 26		
F	15	24 26	4 10	29 16	17 28	0 ♄ 00	9 41	1 44	6 37	29 20	24 22		
S	16	25 25	4 39	0 ♋ 38	1 ♈ 32	0 02	9 53	2 08	6 40	29 18	24 19		
Su	17	26 25	5 06	2 02	15 39	0 05	10 05	2 31	6 44	29 17	24 16		
M	18	27 25	5 31	3 25	29 46	0 07	10 18	2 55	6 47	29 15	24 13		
Tu	19	28 24	5 55	4 54	13 ♄ 53	0 09	10 30	3 20	6 51	29 14	24 10		
W	20	29 24	6 17	6 22	27 59	0 11	10 42	3 45	6 54	29 12	24 06		
Th	21	0 ♍ 23	6 37	7 51	12 ♈ 00	0 13	10 55	4 09	6 57	29 11	24 03		
F	22	1 23	6 55	9 23	25 55	0 15	11 08	4 34	7 01	29 10	24 00		
S	23	2 22	7 11	10 54	9 ♍ 41	0 17	11 20	5 00	7 04	29 08	23 57		
Su	24	3 22	7 25	12 28	23 13	0 18	11 33	5 26	7 08	29 07	23 54		
M	25	4 21	7 36	14 03	6 ♈ 30	0 20	11 45	5 51	7 11	29 06	23 51		
Tu	26	5 21	7 46	15 39	19 29	0 21	11 58	6 17	7 14	29 05	23 48		
W	27	6 20	7 54	17 17	2 ♈ 11	0 22	12 11	6 43	7 18	29 03	23 44		
Th	28	7 19	7 57	18 56	14 36	0 24	12 24	7 10	7 21	29 02	23 41		
F	29	8 18	8 01	20 36	26 46	0 25	12 37	7 37	7 24	29 01	23 38		
S	30	9 18	8 01	22 18	8 † 45	0 26	12 50	8 04	7 28	29 00	23 35		
Su	31	10 17	7 _R 58	24 01	20 37	0 27	13 03	8 31	7 31	28 58	23 32		

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES
Calculated for Mean Noon at Greenwich
March, 1929.
Full Moon March 25th, 7:46 A. M., in $\approx 4^{\circ} 20'$
Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂			
	H. M.	° S	'	° S	'	° N	'	° S	'	° N	'	° N	'	° N	'
1	22 35	17	02	1 7	40	13 06	16 36	22 16	12 57	26 09	1 41	12 08			
2	22 39	20	57	3 6	54	54	26	16	13 05	08	44	09			
3	22 43	23	57	5 6	08	14 40	09	16	12	07	47	10			
4	22 47	25	55	7 5	21	15 26	15 47	16	20	05	50	11			
5	22 51	26	42	9 4	35	16 07	20	16	28	04	52	13			
6	22 55	26	15	11 3	48	48 14	46	16	35	02	54	14			
				13 3	00	17 26	08	16	43	00	57	15			
7	22 59	24	33	15 2	13	18 02	13 24	16	51	25 57	59	16			
8	23 03	21	39	17 1	26	35 12	34	15	59	54 2	02	17			
9	23 07	17	39	19 0	38	19 05	11 39	15	14 07	51	05	18			
10	23 11	12	45	21 0	N 09	32 10	40	15	15	48	08	19			
11	23 15	7	10	23 0	56	56 9	35	15	23	44	10	20			
12	23 19	1	08	25 1	44	20 16	8 26	15	32	40	13	21			
13	23 22	5	N 03	27 2	31	32 7	12	15	40	36	16	22			
				29 3	17	44 5	53	15	48	31	19	23			
14	23 26	11	04	31 4	03	51 4	30	15	56	26	21	23			
15	23 30	16	35												
16	23 34	21	14												
17	23 38	24	39												
18	23 42	26	32												
19	23 46	26	41	1 0	28 3	39 0	11 1	11 0	58 2	45 0	41 0	36			
20	23 50	25	07	3 1	s 37	54	s 10	11	57	43	41	36			
				5 3	25 4	10	30	11	57	41	41	36			
21	23 54	22	01	7 4	39	25	48	11	57	39	41	36			
22	23 58	17	40	9 5	03	41 1	05	11	56	37	41	36			
23	0 02	12	28	11 4	25	56	20	11	56	35	41	36			
24	0 06	6	43	13 2	48 5	12	34	11	55	33	41	36			
25	0 10	0	47	15 0	29	27	46	11	55	31	41	36			
26	0 14	5	s 04	17 1	N 59	40	56	12	54	29	41	36			
27	0 18	10	36	19 3	59	56 2	04	12	54	27	40	36			
				21 5	01 6	09	11	12	54	25	40	36			
28	0 22	15	36	23 4	53	23	16	12	53	23	40	36			
29	0 26	19	52	25 3	40	35	19	12	53	21	40	36			
30	0 30	23	15	27 1	45	46	21	12	53	19	40	36			
31	0 33	25	36	29 0	s 26	56	20	12	53	18	40	36			
				31 2	29 7	04	18	12	52	16	40	36			

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

New Moon April 9th, 8:33 P. M., in γ $19^{\circ} 31'$

April 1929.

Longitude of the Planets

Day	\odot γ	\square δ	\oplus ϵ	\mars ν	\jupiter ζ	\saturn δ	\uranus ζ	\neptune γ	ψ ν	Ω δ
	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$	$^{\circ}$
M	1 11 17 7	R58	25 46 2	27 0	28 13 16 8	58 7	34 28	R57	23 29	
Tu	2 12 16 7	48	27 32 14	19 0	29 13 29 9	25 7	38 28	56	23 25	
W	3 13 15 7	38	29 19 26	19 0	29 13 43 9	53 7	42 28	55	23 22	
Th	4 14 13 7	26	1 γ 08 8	32 0	30 13 56 10	21 7	45 28	54	23 19	
F	5 15 13 7	12	2 58 21	1 0	30 14 09 10	49 7	49 28	53	23 16	
S	6 16 12 6	55	4 50 3	ϵ 51 0	31 14 23 11	17 7	52 28	52	23 13	
Su	7 17 11 6	36	6 43 17	2 0	31 14 36 11	46 7	55 28	51	23 10	
M	8 18 10 6	15	8 38 0	γ 36 0	31 14 50 12	14 7	59 28	50	23 6	
Tu	9 19 9 5	51	10 34 14	29 0	31 15 04 12	43 8	02 28	49	23 3	
W	10 20 8 5	25	12 31 28	38 0	31 15 17 13	11 8	05 28	49	23 00	
Th	11 21 8 4	57	14 30 13	δ 0 0	R30 15 31 13	40 8	09 28	48	22 57	
F	12 22 6 4	27	16 30 27	28 0	30 15 44 14	09 8	12 28	47	22 54	
S	13 23 4 3	56	18 31 11	Π 56 0	30 16 00 14	39 8	16 28	46	23 50	
Su	14 24 3 3	21	20 34 26	22 0	30 16 12 15	08 8	19 28	46	22 47	
M	15 25 2 2	49	22 38 10	Σ 41 0	30 16 26 15	38 8	22 28	45	22 44	
Tu	16 26 1 2	13	24 43 24	50 0	29 16 39 16	07 8	26 28	44	22 41	
W	17 26 59 1	37	26 49 8	Ω 48 0	28 16 53 16	37 8	29 28	43	22 38	
Th	18 27 58 0	41	28 56 22	35 0	27 17 07 17	07 8	32 28	43	22 35	
F	19 28 56 0	22	1 δ 03 6	μ 8 0	26 17 21 17	37 8	35 28	42	22 31	
S	20 29 55 29	γ 43 3	10 19 29	0	25 17 35 18	08 8	38 28	41	22 28	
Su	21 0 8 54	29 05 5	18 2	\approx 35 0	24 17 49 18	38 8	42 28	40	22 25	
M	22 1 52 28	31 7	26 15	28 0	23 18 02 19	08 8	45 28	40	22 22	
Tu	23 2 50 27	52 9	33 28	8 0	22 18 16 19	39 8	48 28	39	22 19	
W	24 3 49 27	16 11	39 10	μ 34 0	20 18 30 20	10 8	51 28	39	22 16	
Th	25 4 47 26	41 13	45 22	49 0	19 18 44 20	41 8	55 28	38	22 12	
F	26 5 46 26	07 15	49 4	\dagger 53 0	17 18 59 21	12 8	58 28	38	22 9	
S	27 6 44 25	34 17	51 16	49 0	15 19 13 21	43 9	02 28	38	22 6	
Su	28 7 42 25	04 19	52 28	40 0	14 19 27 22	14 9	06 28	37	22 3	
M	29 8 41 24	35 21	51 10	ν 29 0	12 19 41 22	45 9	07 28	37	22 00	
Tu	30 9 39 24	08 23	46 22	22 0	10 19 55 23	16 9	10 28	37	21 56	

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

April 1929.

Full Moon April 23rd, 9:47 P. M., in η 3° 12'

Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂			
	H.M.	°	S	'	°	N	'	°	N	'	°	S	'	°	S	'	°	N	'	°	N	'		
1	0	37	26	48	1	4	29	20	53	3	47	22	15	15	0	25	23	2	23	12	24			
2	0	41	26	46	2	4	50		54	3	02		15		4		21		25		24			
3	0	45	25	29	4	5	37		51	1	30		14		12		14		27		25			
4	0	49	23	0	6	6	22		43	0	N 7		14		21		8		30		26			
5	0	53	19	24	8	7	07		29	1	45		14		29		1		33		27			
6	0	57	14	49	10		52		9	3	28		14		37	24	53		35		27			
					12	8	36	19	44	5	14		14		45		46		38		28			
7	1	01	9	26	14	9	20		13	7	01		14		53		38		41		28			
8	1	05	3	28	16	10	3	18	36	8	50		14		01		30		43		29			
9	1	09	2	N 49	18		45	17	56	10	39		14		09		21		46		29			
0	1	13	9	06	20	11	27		11	12	28		14		17		11		48		30			
1	1	17	15	01	22	12	8	16	24	14	13		14		25		1		51		30			
2	1	21	20	08	24		48	15	35	15	54		14		33	23	51		54		30			
3	1	25	24	03	26	13	27	14	46	17	29		14		41		40		56		31			
					28	14	5	13	57	18	57		14		49		28		58		31			
4	1	29	26	24	30		42		10	20	16		13		57		16	3	01		31			
5	1	33	26	58																				
6	1	37	25	47																				
Latitude of the Planets																								
D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂			
	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'
8	1	44	18	56		1	3	22	7	08	2	16	1	12	0	52	2	15	0	40	0	36		
9	1	48	13	58		2	4	06		11		13		12		52		14		40		36		
0	1	52	8	25		4	5	03		16		07		12		52		12		40		36		
						6		04		18	1	59		13		51		11		40		36		
1	1	56	2	36		8		04		18		48		13		51		09		40		36		
2	2	00	3	s 15		10	2	02		15		36		13		51		07		40		36		
3	2	04	8	53		12	0	N 33		09		21		13		51		05		40		36		
4	2	08	14	04		14	3	00	6	59		05		13		50		04		40		36		
5	2	12	18	37		16	4	41		47	0	47		13		50		02		40		36		
6	2	16	22	21		18	5	14		31		28		13		50		00		40		36		
7	2	20	25	04		20	4	38		12		07		13		50	1	59		40		36		
						22	3	05	5	51	N	13		13		49		57		40		36		
8	2	24	26	39		24	0	59		27		36		13		49		56		41		36		
9	2	28	27	01		26	1	s 15		01		57		13		49		54		41		36		
0	2	32	26	09		28	3	13	4	34	1	17		13		49		53		41		36		
						30	4	38		06		36		13		49		51		41		36		

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

May, 1929.

New Moon (Total Eclipse of Sun) May 9th, 6:07 A. M., in γ $18^{\circ} 08'$

Longitude of the Planets

Day	☉ ♌	♀ ♍	♂ ♎	♃ ♊	♅ ♈	♄ ♈	♁ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈
	°	°	°	°	°	°	°	°	°	°	°
W	1	10 37 23	R43	25 40 4	22 0	R08	20 09	23 48 9	13 28	R36	21 53
Th	2	11 35 23	20	27 30 16	33 0	06	20 23	24 18 9	15 28	36	21 50
F	3	12 33 22	59	29 17 29	01 0	04	20 37	24 50 9	18 28	36	21 47
S	4	13 31 22	41	1II01	11 50	0	01 20	51 25 23 9	22 28	36	21 44
Su	5	14 30 22	25	2 42 25	02 29	† 58	21 05	25 55 9	25 28	36	21 40
M	6	15 28 22	11	4 19 8	† 39	29 57	21 20	26 27 9	28 28	36	21 37
Tu	7	16 26 22	00	5 52 22	40 29	54 21	34 26	59 9	31 28	35	21 34
W	8	17 24 21	51	7 22 7	8 04	29 51	21 48	27 31 9	34 28	35	21 31
Th	9	18 22 21	45	8 48 21	44 29	49 22	02 28	03 9	37 28	35	21 28
F	10	19 20 21	41	10 09 6	II 36	29 46	22 17	28 37 9	40 28	35	21 24
S	11	20 18 21	40	11 27 21	30 29	42 22	31 29	09 9	43 28	D36	21 21
Su	12	21 16 21	D41	12 41 6	♄ 19	29 40	22 45	29 41 9	45 28	36	21 18
M	13	22 14 21	44	13 51 20	57 29	37 22	59 0	♌ 14 9	48 28	36	21 15
Tu	14	23 12 21	49	14 52 5	♌ 19	29 34	23 14	0 46 9	51 28	36	21 12
W	15	24 10 21	57	15 58 19	22 29	31 23	28 1	19 9	54 28	36	21 09
Th	16	25 07 22	06	16 55 3	♍ 05	29 28	23 42	1 52 9	56 28	36	21 05
F	17	26 05 22	18	17 48 16	27 29	25 23	56 2	25 9	59 28	36	21 02
S	18	27 03 22	32	18 36 29	32 29	21 24	10 2	58 10	02 28	37	20 59
Su	19	28 01 22	48	19 20 12	♄ 20	29 18	24 24	3 31 10	05 28	37	20 56
M	20	28 58 23	06	19 59 24	53 29	14 24	39 4	04 10	06 28	37	20 53
Tu	21	29 56 23	26	20 24 7	♍ 14	29 11	24 53	4 37 10	09 28	38	20 50
W	22	0II 54	23	21 04 19	25 29	07 25	07 5	10 10	11 28	38	20 46
Th	23	1 51 24	10	21 29 1	† 28	29 03	25 21	5 44 10	14 28	39	20 43
F	24	2 49 24	35	21 50 13	25 29	00 25	35 6	17 10	16 28	39	20 40
S	25	3 46 25	02	22 06 25	17 28	56 25	50 6	51 10	18 28	40	20 37
Su	26	4 44 25	30	22 17 7	♄ 07	28 52	26 04	7 24 10	21 28	41	20 34
M	27	5 41 26	00	22 23 18	57 28	49 26	18 7	58 10	23 28	42	20 30
Tu	28	6 39 26	30	22 25 0	♄ 51	28 46	26 32	8 32 10	25 28	42	20 27
W	29	7 37 27	03	22R23	12 52	28 41	26 46	9 06 10	27 28	42	20 24
Th	30	8 34 27	37	22 15 25	03 28	37 27	00 9	49 10	29 28	43	20 21
F	31	9 32 28	12	22 04 7	♄ 29	28 33	27 14	10 14 10	32 28	44	20 18

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

May, 1929.

Full Moon May 23rd, 0:50 P. M., in $\uparrow 1^{\circ} 53'$

Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♄	♅	♆	♇	♈	♉								
H.M.	°	S	'	°	N	'	°	N	'	°	S	'	°	N	'	°	N	'		
1 2	36	24	05	1	15	01	12	47	20	52	22	13	17	00	23	10	3	02	12	31
2 2	40	20	54	3	15	36		05	21	57		13		08	22	57		04		31
3 2	44	16	43	5	16	11	11	25	22	52		13		16		44		06		32
4 2	48	11	42	7	16	46	10	50	23	36		13		23		31		09		32
5 2	51	6	01	9	17	18		19	24	11		13		31		16		11		32
6 2	55	0	N 08	11	17	49	9	52		37		13		38		01		13		32
					13	18		20		30		13		45	21	45		15		32
7 2	59	6	28	15	18	49		13	25	04		13		53		30		17		32
8 3	03	12	39	17	19	17		00		06		13	18	00		14		19		31
9 3	07	18	15	19	19	43	8	51		01		13		07	20	57		21		31
0 3	11	22	48	21	20	09		46	24	50		13		14		40		23		31
1 3	15	25	50	23	20	32		45		33		13		21		23		25		31
2 3	19	27	03	25	20	55		47		11		13		28		05		27		30
3 3	23	26	20	27	21	16		54	23	45		13		34	19	45		28		30
					29	21	35	9	02		14		13		41		27		30	29
4 3	27	23	53	31	21	53		15	22	40		13		47		07		32		29
5 3	31	20	02																	
6 3	35	15	12																	
Latitude of the Planets																				
D	D			♀	♂	♄	♅	♆	♇	♈	♉									
°	S	'	°	N	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'
8 3	43	4	00	1	5	03	3	52	1	44	1	14	0	48	1	50	0	41	0	36
9 3	47	1	s 48	3	5	14		23		59		14		48		49		41		36
0 3	51	7	27	5	4	24	2	54	2	11		14		48		47		41		36
1 3	55	12	43	7	2	32		26		21		14		48		46		41		36
2 3	58	17	25	9	0	N 03	1	57		26		14		48		44		41		36
3 4	02	21	23	11	2	40		32		27		14		48		43		41		36
4 4	06	24	24	13	4	34		07		27		14		47		41		41		36
5 4	10	26	19	15	5	17	0	43		22		14		47		40		41		36
6 4	14	27	02	17	4	47		20		13		14		47		39		41		36
7 4	18	26	31	19	3	20	s 01	00		14		47		47		37		41		36
				21	1	17		21	1	43		14		47		36		41		36
8 4	22	14	47	23	0	s 56		40		22		14		47		34		41		36
9 4	26	21	57	25	2	57		57	0	58		14		47		33		41		36
0 4	30	18	07	27	4	27	1	14		30		14		47		32		41		36
1 4	34	13	27	29	5	12		28		00		14		46		30		41		36
				31	5	03		42	s 33		14		46		29		41			36

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

June, 1929.

New Moon June 7th, 1:56 P. M., in Π $16^{\circ} 18'$

Longitude of the Planets

Day	☉ ♈	♀ ♊	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈	♂ ♈		
	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	'	
S	1	10	29	28	48	21 _R	48	20	13	28 _R	29	27	27	10	47	10	34	28	44	20	15		
Su	2	11	27	29	26	21	29	3	♈	20	28	24	27	41	11	22	10	36	28	45	20	12	
M	3	12	24	0	8	04	21	07	16	52	28	20	27	56	11	56	10	38	28	46	20	8	
Tu	4	13	22	0	43	20	41	0	8	50	28	16	28	09	12	30	10	40	28	47	20	5	
W	5	14	19	1	25	20	13	15	15	28	12	28	23	13	04	10	42	28	47	20	2		
Th	6	15	17	2	07	19	43	0	♈	2	28	08	28	38	13	39	10	44	28	48	19	59	
F	7	16	14	2	49	19	11	15	5	28	03	28	51	14	13	10	46	28	49	19	56		
S	8	17	11	3	33	18	38	0	♈	16	27	59	29	00	14	47	10	48	28	50	19	53	
Su	9	18	09	4	18	18	05	15	24	27	55	29	18	15	22	10	49	28	51	19	49		
M	10	19	06	5	03	17	32	0	♈	22	27	50	29	33	15	57	10	51	28	52	19	46	
Tu	11	20	04	5	49	17	00	15	0	27	47	29	47	16	31	10	53	28	53	19	43		
W	12	21	01	6	36	16	28	29	13	27	42	0	♈	01	17	06	10	55	28	54	19	40	
Th	13	21	58	7	24	15	59	13	♈	1	27	37	0	14	17	41	10	56	28	55	19	37	
F	14	22	56	8	13	15	31	26	22	27	33	0	28	18	16	10	58	28	56	19	33		
S	15	23	53	9	02	15	05	9	♈	20	27	29	0	41	18	50	11	00	28	57	19	30	
Su	16	24	50	9	52	14	44	21	58	27	24	0	55	19	25	11	02	28	58	19	27		
M	17	25	47	10	43	14	26	4	♈	20	27	20	1	08	20	00	11	02	28	59	19	24	
Tu	18	26	45	11	34	14	12	16	29	27	15	1	21	20	35	11	03	29	01	19	21		
W	19	27	42	12	26	14	01	28	29	27	11	1	35	21	09	11	05	29	02	19	18		
Th	20	28	39	13	21	13	55	10	♈	23	27	06	1	48	21	45	11	06	29	03	19	14	
F	21	29	36	14	12	13 _D	54	22	14	27	03	2	01	22	21	11	07	29	04	19	11		
S	22	0	♈	34	15	06	13	57	4	♈	4	26	58	2	14	22	56	11	08	29	06	19	8
Su	23	1	31	15	59	14	05	15	55	26	53	2	28	23	31	11	09	29	07	19	5		
M	24	2	28	16	54	14	17	27	49	26	49	2	41	24	07	11	11	29	09	19	2		
Tu	25	3	25	17	49	14	34	9	♈	47	26	44	2	55	24	42	11	11	29	10	18	59	
W	26	4	23	18	45	14	56	21	52	26	40	3	08	25	18	11	12	29	11	18	55		
Th	27	5	20	19	41	15	23	4	♈	7	26	36	3	21	25	53	11	13	29	13	18	52	
F	28	6	17	20	38	15	54	16	34	26	31	3	34	26	29	11	14	29	14	18	49		
S	29	7	14	21	35	16	30	29	16	26	27	3	47	27	05	11	15	29	16	18	46		
Su	30	8	11	22	33	17	11	12	♈	18	26	23	4	00	27	41	11	16	29	18	43		

Declination of the Planets

D	S. T.	Dec. D	D	⊙	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂			
	H.M.	° S	'	° N	'	° N	'	° N	'	° S	'	° N	'	° N	'	° N	'	
1	4	38	8	06	1	22	2	9	22	22	22	22	13	18	51	18	57	
2	4	42	2	15	2			10	29		04	13		54	47	34		
3	4	46	3	N 53	4			25	46	21	26	13	19	00	27	35	12	
4	4	50	10	03	6			38	10	5	20	48	13		07	06	37	
5	4	54	15	54	8			50		25	11	13	13	17	44	37	27	
6	4	58	20	57	10	23	0		48	19	36	13	19		23	39	26	
					12		9	11	12		06	13	25		00	41	25	
7	5	02	24	44	14			16	36	18	40	13	30	16	38	42	24	
8	5	06	26	45	16			21	12	3		21	13	36	15	43	23	
9	5	09	26	47	18			25		29		09	13	42	15	51	44	
10	5	13	24	51	20			27		57		04	13	47		27	45	
11	5	17	21	18	22			27	13	25		06	13	52		03	46	
12	5	21	16	35	24			26		54		15	13	58	14	39	47	
13	5	25	11	08	26			23	14	23		30	13	20	03	14	48	
					28			18		51		50	13		08	13	48	
14	5	29	5	21	30			12	15	20		19	13		13	23	49	
15	5	33	0	s 31														
16	5	38	6	13														
Latitude of the Planets																		
D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
	° S	'	° S	'	° S	'	° N	'	° S	'	° N	'	° S	'	° N	'	° N	'
1	4	36	1	48	0	50	1	13	0	46	1	28	0	41	0	36		
2	3	54		54	1	07		13		46		28		41		36		
	4	50	2	06		41		13		46		26		41		36		
21	5	57	25	55	6	0	N 48		16	2	16	13	46	25	41	36		
22	6	01	26	56	8	3	18		25		48	13	46	24	41	35		
23	6	05	26	42	10	4	53		33	3	16	13	46	23	41	35		
24	6	09	25	15	12	5	10		41		41	13	46	21	41	35		
25	6	13	22	40	14	4	15		47	4	00	13	46	20	42	35		
26	6	16	19	05	16	2	32		53		14	13	46	18	42	35		
27	6	20	14	39	18	0	24		57		23	13	46	17	42	35		
					20	1	s 44	3	01		26	12	46	16	42	35		
28	6	24	9	33	22	3	33		05		25	12	46	15	42	35		
29	6	28	3	57	24	4	45		07		18	12	46	13	42	35		
30	6	32	1	N 57	26	5	08		09		07	12	46	12	42	35		
					28	4	37		10	3	53	12	46	11	42	35		
					30	3	10		11		35	1	11	45	10	42	35	

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

New Moon July 6th, 8:47 P. M., in ♌ 14° 14'

July, 1929.

Longitude of the Planets

Day	☉ ♌	♀ ♋	♂ ♊	♄ ♏	♅ ♍	♁ ♉	♂ ♌	♃ ♈	♆ ♋	♄ ♏	♅ ♍
M	19 09 23 30	17 56 25 43	26 _R 18 4	12 28 16 11	17 29 19 18	39 18 36					
Tu	2 10 06 24 28	18 46 9 8	32 26 14 4	25 28 52 11	18 29 20 18	36 18 33					
W	3 11 03 25 27	19 40 23 48	26 09 4 38	29 27 11 18	29 22 18 30	33 18 30					
Th	4 12 00 26 26	20 39 8 11	28 26 06 4 52	0 _m 03 11 19	29 24 18 30	30 18 26					
F	5 12 57 27 25	21 42 23 28	26 02 5 03	0 39 11 19	29 26 18 26	26 18 23					
S	6 13 54 28 25	22 49 8 5	40 25 57 5 15	1 15 11 20	29 28 18 23	23 18 20					
Su	7 14 51 29 25	24 00 23 55	25 53 5 28	1 51 11 21	29 28 18 20	20 18 17					
M	8 15 49 0 _{II} 27 25	16 9 9 02	25 49 5 40	2 28 11 21	29 30 18 17	17 18 14					
Tu	9 16 46 1 25	26 36 23 51	25 45 5 53	3 04 11 22	29 32 18 14	14 18 11					
W	10 17 44 2 26	28 00 8 15	25 41 6 05	3 40 11 22	29 34 18 11	11 18 08					
Th	11 18 41 3 29	29 28 22 10	25 37 6 17	4 16 11 22	29 35 18 08	08 18 04					
F	12 19 38 4 31	0 ₅ 59 5 36	25 33 6 29	4 52 11 22	29 37 18 04	04 18 01					
S	13 20 35 5 32	2 35 18 35	25 30 6 41	5 29 11 22	29 39 18 01	01 17 58					
Su	14 21 32 6 34	4 14 1 15	25 26 6 53	6 05 11 22	29 41 17 58	58 17 55					
M	15 22 30 7 36	5 56 13 27	25 22 7 05	6 42 11 22	29 42 17 55	55 17 52					
Tu	16 23 27 8 39	7 42 25 31	25 19 7 17	7 18 11 22	29 44 17 52	52 17 48					
W	17 24 24 9 42	9 32 7 26	25 15 7 28	7 55 11 22	29 46 17 48	48 17 45					
Th	18 25 21 10 45	11 24 19 16	25 12 7 40	8 32 11 22	29 48 17 45	45 17 42					
F	19 26 19 11 48	13 19 1 15	25 09 7 51	9 08 11 22	29 50 17 42	42 17 39					
S	20 27 16 12 52	15 17 12 56	25 05 8 03	9 45 11 22	29 52 17 39	39 17 36					
Su	21 28 13 13 56	17 16 24 50	25 01 8 14	10 22 11 22	29 54 17 36	36 17 33					
M	22 29 10 15 00	19 18 6 51	24 58 8 26	10 59 11 22	29 56 17 33	33 17 29					
Tu	23 0 _Ω 08 16 04	21 21 18 58	24 55 8 37	11 35 11 22	29 58 17 29	29 17 26					
W	24 1 05 17 09	23 26 1 12	24 52 8 48	12 12 11 _R 21	0 _m 00 17 26	26 17 23					
Th	25 2 02 18 14	25 31 13 36	24 49 8 59	12 49 11 21	0 02 17 23	23 17 20					
F	26 3 00 19 19	27 38 26 11	24 46 9 10	13 26 11 21	0 04 17 20	20 17 17					
S	27 3 57 20 23	29 44 8 58	24 43 9 21	14 03 11 21	0 06 17 17	17 17 13					
Su	28 4 54 21 28	1 _Ω 51 22 01	24 40 9 32	14 40 11 20	0 08 17 13	13 17 10					
M	29 5 52 22 34	3 57 5 8	22 37 9 42	15 17 11 19	0 10 17 10	10 17 07					
Tu	30 6 49 23 39	6 03 19 04	24 34 9 53	15 54 11 18	0 12 17 07	07 17 04					
W	31 7 46 24 46	8 08 3 11	08 24 32 10	03 16 32 11	18 0 14	17 04					

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

July, 1929.

Full Moon July 21, 7:21 P. M., in $\text{vs } 28^{\circ} 29'$

Declination of the Planets

[illegible]

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

August, 1929.

New Moon August 5th, 3:40 A. M. in ♋ 12° 12'

Longitude of the Planets

Day	☉ ♌	♀ ♊	♄ ♏	♃ ♈	♅ ♉	♁ ♊	♂ ♌	♄ ♏	♃ ♈	♅ ♉	♁ ♊	♂ ♌
	°	'	°	'	°	'	°	'	°	'	°	'
Th	18	44	25	52	10	13	17	34	24	R29	10	14
F	29	41	26	58	12	15	2	♄	19	24	27	10
S	310	39	28	05	14	17	17	19	24	24	10	34
Su	411	37	29	11	16	19	2	♌	24	24	22	10
M	512	34	0♄	18	18	19	17	25	24	20	10	54
Tu	613	31	1	25	20	17	2	♏	13	24	18	11
W	714	29	2	32	22	14	16	38	24	16	11	14
Th	815	27	3	38	24	10	0	♄	37	24	14	11
F	916	24	4	46	26	04	14	07	24	12	11	23
S	1017	22	5	54	27	56	27	09	24	10	11	42
Su	1118	19	7	02	29	47	9	♏	46	24	08	11
M	1219	17	8	10	1♏	37	22	04	24	07	12	00
Tu	1320	14	9	18	3	25	4	♄	08	24	05	12
W	1421	12	10	26	5	11	16	02	24	04	12	18
Th	1522	09	11	34	6	56	27	52	24	02	12	27
F	1623	07	12	42	8	40	9	♄	42	24	01	12
S	1724	05	13	50	10	22	21	36	24	00	12	44
Su	1825	03	14	59	12	03	3	♄	36	23	59	12
M	1926	00	16	08	13	42	15	45	23	58	13	00
Tu	2026	58	17	17	15	20	28	03	23	57	13	08
W	2127	56	18	26	16	56	10	♄	32	23	56	13
Th	2228	54	19	35	18	31	23	11	23	55	13	24
F	2329	51	20	44	20	05	6	♄	01	23	55	13
S	240	♏	49	21	53	21	37	19	02	23	55	13
Su	251	47	23	03	23	08	2	♄	16	23	54	13
M	262	45	24	12	24	37	15	42	23	54	13	54
Tu	273	43	25	22	26	05	29	24	23	54	14	01
W	284	41	26	32	27	32	13	♏	21	23	53	14
Th	295	39	27	42	28	57	27	34	23	53	14	15
F	306	37	28	52	0	♄	21	12	♄	01	23	54
S	317	35	0♌	02	1	43	26	40	23	54	14	28

Calculated for Mean Noon at Greenwich

August, 1929.

Full Moon August, 20th, 9:42 A. M., in $\approx 26^{\circ} 52'$

Declination of the Planets

Declination of the Planets													
D	S. T.	Dec. D	D	♈	♀	♊	♉	♈	♊	♈	♊	♈	♊
	H. M.	° N	° N	° N	° N	° S	° N	° N	° N	° N	° N	° N	° N
1	8	38 25	22	1	18 05	21	07 19	22	22	13	21	14 5	51 3
2	8	42 26	58	3	17 34		16 18	15		13		17 5	21
3	8	46 26	38	5		03	23 17	01		13		19 4	50
4	8	50 24	21	7	16 30		29 15	44		13		22 4	20
5	8	54 20	23	9		56	32 14	22		14		25 3	49
6	8	58 15	12	11	15 20		33 12	57		14		27 3	18
				13	14 45		32 11	31		14		30 2	47
7	9	02 9	17	15		08	28 10	03		14		32 2	15
8	9	06 3	05	17	13 30		23 8	35		15		34 1	44
9	9	10 3	s04	19	12 52		14 7	06		15		36 1	12
10	9	14 8	54	21		12	04 5	38		15		38 1	40
11	9	18 14	11	23	11 32	20	51 4	10		15		40 0	s09
12	9	22 18	46	25	10 50		37 2	44		16		42 0	22
13	9	26 22	29	27		09	20 1	18		16		43 0	54
				29	9 27		20 0	s06		16		45 1	26
14	9	30 25	11	31	8 44	19	39 1	27		17		46 1	57
15	9	34 26	46										
16	9	38 27	07										
Latitude of the Planets													
D	D	♀	♊	♈	♊	♈	♊	♈	♊	♈	♊	♈	♊
	° N	° S	° N	° N	° S	° N	° S	° N	° S	° N	° S	° N	° N
17	9	41 26	13										
18	9	45 24	06	1	2	30	2	16	1	44	1	07	0
19	9	49 20	54					10		46		07	46
20	9	53 16	44					00		03		06	46
				5	5	00		03		45		06	46
21	9	57 11	49	7	4	21	1	57		42		06	46
22	10	01 6	20	9	2	43		50		37		06	46
23	10	05 0	31	11	0	36		43		30		05	46
24	10	09 5	N25	13	1	s32		36		21		05	46
25	10	13 11	13	15	3	20		29		10		05	46
26	10	17 16	37	17	4	33		22	0	58		04	46
27	10	22 21	16	19	5	00		15		45		04	46
				21	4	32		07		31		04	46
28	10	25 24	49	23	3	10		00		15		03	46
29	10	29 26	52	25	1	07	0	53	s00			03	47
30	10	33 27	08	27	1	N16		46		17		03	47
31	10	37 25	33	29	3	26		38		34		02	47
				31	4	48		31		51		02	47

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

September, 1929.

New Moon September 3rd, 11:47 A. M., in $\pi 10^{\circ} 28'$

Calculated for Mean Noon at Greenwich

Longitude of the Planets

Day	☉		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	☉		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
Su	1	8	34	1	03	3	04	11	23	23	54	14	34	6	49	10 _R	33	1	24	15	22	
M	2	9	32	2	23	4	23	26	05	23	55	14	40	7	28	10	31	1	27	15	19	
Tu	3	10	30	3	33	5	40	10 _m	36	23	55	14	46	8	07	10	29	1	29	15	16	
W	4	11	28	4	44	6	55	24	50	23	56	14	52	8	46	10	27	1	31	15	13	
Th	5	12	26	5	55	8	10	8	43	23	56	14	58	9	25	10	26	1	33	15	09	
F	6	13	24	7	05	9	23	22	10	23	57	15	03	10	04	10	24	1	35	15	06	
S	7	14	22	8	16	10	33	5	m	12	23	58	15	09	10	43	10	22	1	38	15	03
Su	8	15	21	9	27	11	42	17	51	24	00	15	14	11	22	10	20	1	40	15	00	
M	9	16	19	10	37	12	48	0	f	11	24	00	15	19	12	01	10	18	1	42	14	57
Tu	10	17	18	11	49	13	52	12	16	24	02	15	24	12	41	10	16	1	44	14	54	
W	11	18	15	13	01	14	54	24	12	24	03	15	28	13	20	10	14	1	46	14	51	
Th	12	19	14	14	12	15	54	6	w	03	24	04	15	33	13	59	10	11	1	48	14	48
F	13	20	12	15	23	16	50	17	55	24	05	15	37	14	39	10	09	1	51	14	44	
S	14	21	11	16	36	17	45	29	52	24	07	15	41	15	18	10	07	1	53	14	41	
Su	15	22	10	17	47	18	36	11	w	57	24	09	15	45	15	58	10	04	1	55	14	38
M	16	23	07	18	59	19	24	24	14	24	10	15	49	16	38	10	02	1	57	14	35	
Tu	17	24	06	20	10	20	07	6	x	44	24	12	15	53	17	17	10	00	1	59	14	32
W	18	25	05	21	22	20	48	19	29	24	14	15	56	17	57	9	58	2	01	14	28	
Th	19	26	03	22	34	21	24	2	r	27	24	16	15	59	18	36	9	56	2	03	14	25
F	20	27	02	23	47	21	57	15	38	24	18	16	02	19	16	9	54	2	05	14	22	
S	21	28	01	24	58	22	25	29	01	24	20	16	05	19	56	9	51	2	07	14	18	
Su	22	28	59	26	11	22	47	12	8	35	24	23	16	08	20	36	9	48	2	09	14	15
M	23	29	58	27	23	23	03	26	18	24	25	16	10	21	16	9	46	2	11	14	12	
Tu	24	0	57	28	35	23	14	10	II	11	24	28	16	12	21	56	9	43	2	13	14	08
W	25	1	56	29	48	23	19	24	12	24	30	16	14	22	36	9	41	2	15	14	05	
Th	26	2	55	1 _m	00	23 _R	17	8	20	24	34	16	16	23	16	9	38	2	17	14	02	
F	27	3	54	2	13	23	09	22	35	24	36	16	18	23	56	9	36	2	19	13	59	
S	28	4	52	3	26	22	53	6	Ω	52	24	39	16	19	24	36	9	33	2	21	13	57
Su	29	5	51	4	39	22	29	21	10	24	41	16	21	25	16	9	32	2	23	13	54	
M	30	6	50	5	52	21	58	5	m	24	24	46	16	22	25	57	9	29	2	25	13	51

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

September, 1929.

Full Moon September 18th, 11:15 P. M. in $\times 25^{\circ} 34'$

Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	H.M.	°	N	°	N	°	N	°	S	°	S	°	N	°	S	°	N	°	N
1	10 41 22	12	1 8	22	19 27	2 07	22 17	21 46	2 13	3 31	11 32								
2	10 45 17	29	2 8	00	15	47	17	48	2 29	30	31								
3	10 49 11	47	4 7	16	18 49	4 04	17	49	3 01	29	30								
4	10 52 5	34	6 6	32	21 5	18	18	50	3 34	27	28								
5	10 56 0	s 46	8 5	47	17 51	6 28	18	51	4 05	25	27								
6	11 00 6	53	10 5	02	18 7	35	19	52	4 37	24	25								
			12 4	16	16 44	8 38	19	53	5 08	22	24								
7	11 04 12	32	14 3	30	08 9	34	20	54	5 40	20	22								
8	11 08 17	30	16 2	44	15 30	10 26	20	54	6 11	18	21								
9	11 12 21	36	18 1	58	14 50	11	21	55	6 43	18	19								
10	11 16 24	41	20 1	11	09	47	21	56	7 14	15	18								
11	11 20 26	38	22 0	25	13 26	12 15	22	56	7 45	13	16								
12	11 24 27	21	24 0	s 22	12 42	30	22	56	8 16	11	15								
13	11 28 26	48	26 1	09	11 55	34	23	57	8 47	09	13								
			28 1	56	07	22	23	57	9 18	07	12								
14	11 32 25	02	30 2	43	10 18	11 55	24	57	9 47	05	10								

Latitude of the Planets

				Latitude of the Planets																					
				D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂										
					°	N	°	S	°	S	°	N	°	S	°	N	°	S	°	N	°	S	°	N	°
17	11	44	13	23																					
18	11	48	7	58																					
19	11	52	2	05	1	5	02	0	28	0	59	1	02	0	47	0	31	0	44	0	36				
20	11	56	3	N 59	2	4	57		24	1	08		02		47		30		44		36				
						4	3	50		17		24		01		47		29		44		36			
21	11	59	9	58	6	1	53		10		43		01		47		28		44		36				
22	12	03	15	36	8	0	S 21		03	2	00		01		47		27		44		36				
23	12	07	20	30	10	2	26		N 03		17		00		47		26		44		36				
24	12	11	24	20	12	4	03		10		34		00		47		24		44		36				
25	12	15	26	44	14	4	57		16		51	0	59		47		23		44		36				
26	12	19	27	27	16	5	01		22	3	04		59		48		22		44		36				
27	12	23	26	21	18	4	07		28		17		59		48		21		44		36				
					20	2	22		34		29		58		48		20		44		36				
28	12	27	23	32	22	0	01		40		38		58		48		18		44		36				
29	12	31	19	17	24	2	N 23		45		44		58		48		17		44		36				
30	12	35	13	58	26	4	16		51		46		57		48		16		44		36				
					28	5	09		55		44		57		48		15		44		36				
					30	4	46	1	00		35		57		48		14		44		36				

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

October, 1929.

New Moon October 2nd, 10:19 P. M., in ♈ 9° 10'

Longitude of the Planets

Day	☉ ♈	♀ ♍	♂ ♊	♄ ♈	♅ ♉	♆ ♊	♇ ♈	♈ ♈	♉ ♈	♊ ♈	♋ ♈										
	°	°	°	°	°	°	°	°	°	°	°										
Tu	17	49	7	04	21 _R	18	19	29	24	48	16	23	26	37	9	_R 27	2	27	13	47	
W	28	48	8	17	20	34	3	♈	21	24	52	16	24	27	17	9	25	2	29	13	44
Th	39	47	9	30	19	42	16	56	24	54	16	24	27	58	9	22	2	31	13	41	
F	410	46	10	43	18	43	0	♍	11	24	59	16	24	28	39	9	19	2	33	13	38
S	511	45	11	57	17	39	13	06	25	01	16	24	29	19	9	17	2	35	13	34	
Su	612	45	13	10	16	32	25	42	25	04	16	24	0	♍	00	9	14	2	37	13	31
M	713	44	14	23	15	22	8	♈	02	25	08	16	24	0	41	9	12	2	38	13	28
Tu	814	44	15	36	14	12	20	08	25	13	16 _R	23	1	22	9	10	2	40	13	25	
W	915	43	16	50	13	04	2	♋	04	25	16	16	23	2	02	9	07	2	42	13	22
Th	1016	42	18	03	11	57	13	56	25	21	16	22	2	43	9	05	2	44	13	19	
F	1117	41	19	17	10	58	25	49	25	23	16	20	3	24	9	03	2	45	13	16	
S	1218	40	20	31	10	05	7	♋	47	25	28	16	19	4	05	9	01	2	47	13	12
Su	1319	40	21	44	9	22	19	54	25	32	16	17	4	46	8	58	2	49	13	09	
M	1420	39	22	58	8	47	2	♋	15	25	36	16	16	5	26	8	56	2	51	13	06
Tu	1521	39	24	12	8	22	14	52	25	40	16	14	6	08	8	53	2	51	13	02	
W	1622	38	25	26	8	09	27	48	25	44	16	12	6	49	8	51	2	52	12	59	
Th	1723	38	26	39	8	07	11	♈	02	25	49	16	10	7	30	8	49	2	54	12	56
F	1824	37	27	53	8	_D 16	24	34	25	53	16	07	8	11	8	46	2	55	12	53	
S	1925	37	29	08	8	34	8	♈	23	25	58	16	04	8	53	8	44	2	57	12	50
Su	2026	37	0	♈	22	9	04	22	24	26	01	16	01	9	34	8	42	2	58	12	47
M	2127	37	1	36	9	41	6	♈	34	26	06	15	57	10	16	8	40	3	00	12	43
Tu	2228	36	2	50	10	28	20	50	26	12	15	54	10	57	8	37	3	01	12	40	
W	2329	36	4	09	11	22	5	♈	07	26	17	15	51	11	39	8	35	3	03	12	37
Th	240	♍	35	5	18	12	24	19	23	26	23	15	48	12	21	8	33	3	05	12	34
F	251	35	6	33	13	31	3	♈	35	26	27	15	44	13	02	8	31	3	06	12	30
S	262	35	7	47	14	44	17	41	26	33	15	40	13	44	8	28	3	08	12	27	
Su	273	35	9	01	16	01	1	♈	39	26	37	15	36	14	25	8	26	3	09	12	24
M	284	35	10	16	17	22	15	27	26	42	15	31	15	07	8	24	3	10	12	21	
Tu	295	35	11	30	18	46	29	04	26	47	15	27	15	49	8	22	3	11	12	18	
W	306	35	12	45	20	13	1	♈	26	53	15	22	16	31	8	20	3	13	12	15	
Th	317	35	13	59	21	42	25	39	26	58	15	17	17	13	8	18	3	14	12	11	

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

October, 1929.

Full Moon October 18th, 0:06 P. M., in γ $24^{\circ} 37'$

Declination of the Planets

D	S.	T.	Dec.	D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂			
	H.M.	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'		
1	12	39	7	58	1	3	05	9	54	11	34	22	24	21	57	10		
2	12	43	1	41	2		30		28		09		24		57	10		
3	12	47	4	s35	4	4	16	8	37	10	05		25		57	10		
4	12	51	10	30	6	5	02	7	44	8	47		26		57	11		
5	12	55	15	51	8		48	6	51	7	20		26		57	11		
6	12	59	20	22	10	6	34	5	57	5	50		27		56	12		
					12	7	19		02	4	28		27		56	12		
7	13	03	23	54	14	8	04	4	06	3	21		28		56	13		
8	13	07	26	17	16		49	3	10	2	35		28		56	13		
9	13	10	27	26	18	9	32	2	13		10		29		55	14		
10	13	14	27	18	20	10	16	1	16		08		30		54	14		
11	13	18	25	55	22		59	0	18		27		30		54	15		
12	13	22	23	22	24	11	41	0	s39	3	02		31		53	15		
13	13	26	19	46	26	12	23	1	37		52		31		52	15		
					28	13	03	2	35	4	52		32		51	16		
4	13	30	15	16	30		43	3	33	5	58		32		50	16		
5	13	34	10	02														
6	13	38	4	15														
Latitude of the Planets																		
D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂		
	°	N	'	°	N	'	°	S	'	°	N	'	°	S	'	°	N	'
8	13	46	8	03														
9	13	50	13	58	1	4	09	1	02	3	29	0	57	0	48	0	13	0
10	13	54	19	17	2	3	17		05		20		56		48		12	
					4	1	06		09	2	58		56		48		11	
11	13	58	23	34	6	1	s12		13		28		56		49		10	
12	14	02	26	25	8	3	12		17	1	52		56		49		09	
13	14	06	27	34	10	4	36		20		12		55		49		07	
14	14	10	26	52	12	5	13		23	0	32		55		49		06	
15	14	14	24	26	14	4	56		25	N	07		55		49		05	
16	14	17	20	32	16	3	41		28		41		54		49		04	
17	14	21	15	32	18	1	36		30	1	11		54		49		03	
					20	0	N56		32		32		54		49		01	
18	14	25	9	48	22	3	18		33		50		53		49	s00	44	
19	14	29	3	41	24	4	52		34	2	00		53		49		01	
20	14	33	2	s31	26	5	15		36		06		53		49		02	
1	14	37	8	31	28	4	25		36		06		53		49		03	
					30	2	37		36		04		52		49		04	

Day	☉ ♈	♀ ♊	♄ ♋	♅ ♌	♆ ♍	♁ ♎	♂ ♏	♃ ♐	♄ ♑	♅ ♒	♆ ♓	♇ ♔
	°	°	°	°	°	°	°	°	°	°	°	°
F	1	8 36	15 14	23 13	8 35	27 03	15 _R 12	17 55	8 _R 16	3 15	12 08	
S	2	9 36	16 28	24 46	21 16	27 08	15 06	18 37	8 14	3 16	12 05	
Su	3	10 36	17 43	26 20	3 ♄43	27 14	15 01	19 19	8 12	3 17	12 02	
M	4	11 36	18 58	27 55	15 58	27 20	14 55	20 02	8 10	3 18	11 58	
Tu	5	12 36	20 13	29 31	28 02	27 26	14 50	20 44	8 09	3 19	11 55	
W	6	13 36	21 27	1♉07	9 ♄58	27 32	14 44	21 26	8 07	3 20	11 52	
Th	7	14 37	22 42	2 44	21 49	27 37	14 38	22 09	8 05	3 21	11 50	
F	8	15 37	23 57	4 21	3 ♄41	27 43	14 31	22 51	8 03	3 22	11 47	
S	9	16 37	25 12	5 59	15 37	27 49	14 25	23 33	8 02	3 23	11 44	
Su	10	17 37	26 27	7 35	27 42	27 54	14 19	24 16	8 00	3 24	11 40	
M	11	18 38	27 42	9 12	10♄01	28 01	14 12	24 59	7 58	3 25	11 37	
Tu	12	19 38	28 56	10 49	22 38	28 07	14 05	25 41	7 56	3 26	11 34	
W	13	20 39	0♉12	12 26	5 ♄36	28 13	13 58	26 24	7 55	3 27	11 30	
Th	14	21 39	1 26	14 03	18 58	28 19	13 51	27 07	7 54	3 28	11 27	
F	15	22 40	2 41	15 40	2 ♄43	28 25	13 44	27 50	7 52	3 29	11 24	
S	16	23 40	3 56	17 15	16 51	28 31	13 37	28 32	7 50	3 29	11 21	
Su	17	24 41	5 11	18 52	1 ♀17	28 38	13 30	29 15	7 48	3 30	11 18	
M	18	25 41	6 26	20 28	15 56	28 44	13 22	29 58	7 46	3 31	11 15	
Tu	19	26 42	7 41	22 02	0 ♄41	28 50	13 15	0 ♄41	7 45	3 31	11 12	
W	20	27 42	8 57	23 40	15 25	28 57	13 06	1 23	7 44	3 31	11 08	
Th	21	28 43	10 12	25 15	0 ♀01	29 03	12 59	2 06	7 42	3 31	11 05	
F	22	29 43	11 27	26 50	14 25	29 10	12 51	2 50	7 41	3 32	11 02	
S	23	0 ♄44	12 42	28 25	28 32	29 16	12 44	3 33	7 40	3 32	10 58	
Su	24	1 45	13 57	0 ♄00	12♉21	29 23	12 36	4 17	7 39	3 33	10 55	
M	25	2 45	15 12	1 35	25 54	29 29	12 28	4 59	7 38	3 33	10 52	
Tu	26	3 46	16 28	3 09	9 ♄09	29 36	12 20	5 43	7 37	3 34	10 49	
W	27	4 47	17 43	4 44	22 10	29 42	12 12	6 27	7 36	3 34	10 46	
Th	28	5 48	18 58	6 19	4 ♉57	29 49	12 04	7 10	7 36	3 34	10 43	
F	29	6 48	20 13	7 53	17 32	29 55	11 56	7 53	7 35	3 34	10 40	
S	30	7 49	21 28	9 27	29 56	0♉03	11 48	8 87	7 34	3 35	10 36	

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

November, 1929.

Full Moon November 17th, 0:14 A. M., in δ $24^{\circ} 12'$

Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂						
	H.M.	° S	'	° S	'	° S	'	° S	'	° N	'	° S	'	° N	'	° N	'
1	14 41	14	03	1 14 22	4 31 7	11 22 33	21 49	17 16	2 37	10 54							
2	14 45	18	54	2 41	59	48	33	21 48	17 28	36	53						
3	14 49	22	49	4 15 19	5 57 9	04 34	47 17	53 35	52								
4	14 53	25	38	6 56 6	53 10	21 34	46 18	16 33	52								
5	14 57	27	14	8 16 31	7 49 11	37 34	45 18	39 33	51								
6	15 01	27	32	10 17 06	8 45 12	53 35	43 19	01 32	51								
				12 39 9	40 14 07	35	42 19 23	29	50								
7	15 05	26	34	14 18 11	10 34 15	18 36	40 19 44	28	50								
8	15 09	24	25	16 41 11	27 16 27	36	39 20 05	27	49								
9	15 13	21	11	18 19 11	12 20 17	33 36	37 20 24	26	49								
0	15 17	17	03	20 39 13	10 18 35	37	36 20 43	25	48								
1	15 21	12	08	22 20 06	14 00 19	34 37	34 21 02	24	48								
2	15 24	6	37	24 31	47 20 29	37	32 21 20	23	48								
3	15 28	0	40	26 54	15 35 21	20 38	30 21 36	22	48								
				28 21 17	16 20 22	07 38	29 21 52	22	47								
4	15 32	5	N 30	30 37	17 03	50 38	27 22 07	21	47								
5	15 36	11	36														
6	15 40	17	17														
				Latitude of the Planets													
D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
	° N	'	° N	'	° N	'	° N	'	° S	'	° S	'	° S	'	° N	'	
8	15 48	25	37	1 0 20	1 36 1	59 0	52 0	49 0	06 0	44 0	37						
9	15 52	27	24	2 0 50	36	56	52	49	06	44	37						
0	15 56	27	14	2 0 50	36	56	52	49	06	44	37						
				4 2 57	36	47	52	49	08	43	37						
1	16 00	25	11	6 4 28	35	37	52	49	09	43	37						
2	16 04	21	32	8 5 13	34	26	51	49	10	43	37						
3	16 08	16	43	10 05	33	13	51	49	11	43	37						
4	16 12	11	07	12 4 01	32	00	51	48	12	43	37						
5	16 16	5	07	14 2 05	30 0	47	51	48	14	43	37						
6	16 20	1	s 00	16 0 N 26	28	34	50	48	15	43	37						
7	16 24	6	58	18 2 56	25	20	50	48	16	43	37						
				20 4 42	23	06	50	48	17	43	37						
8	16 28	12	33	22 5 15	20	s 07	50	48	18	43	38						
9	16 32	17	32	24 4 33	17	20	49	48	20	43	38						
0	16 35	21	43	26 2 52	14	33	49	47	21	43	38						
				28 0 40	11	46	49	47	22	43	38						
				30 1 s 36	07	58	49	47	23	43	38						

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

December, 1929.

New Moon December 1st, 4:48 A. M., in \uparrow $8^{\circ} 31'$
 New Moon December 30th, 11:42 P. M., in \downarrow $8^{\circ} 50'$

Longitude of the Planets

Day	☉ ♌	♀ ♍	♂ ♎	♄ ♏	♃ ♐	♅ ♑	♁ ♒	♂ ♓	♃ ♈	♄ ♉	♅ ♊
Su	18 50	22 43	11 01	12 11	0 09	11 39	9 21	7 17	33 3	35 10	33 1
M	29 51	23 59	12 35	24 17	0 16	11 31	10 05	7 33	33 3	35 10	30 1
Tu	310 52	25 15	14 09	6 16	0 23	11 23	10 48	7 32	33 3	35 10	20 1
W	411 53	26 30	15 43	18 10	0 30	11 15	11 32	7 31	33 3	35 10	23 1
Th	512 53	27 45	17 17	0 01	0 37	11 07	12 16	7 30	33 3	35 10	20 1
F	613 54	29 01	18 51	11 52	0 44	10 58	13 00	7 30	33 3	35 10	17 1
S	714 55	0 16	20 25	23 46	0 50	10 50	13 45	7 29	33 3	35 10	14 1
Su	815 56	1 32	21 59	5 48	0 57	10 42	14 28	7 29	33 3	35 10	11 1
M	916 57	2 47	23 34	18 02	1 04	10 34	15 12	7 28	33 3	35 10	08 1
Tu	1017 58	4 02	25 08	0 33	1 11	10 26	15 56	7 28	33 3	35 10	04 1
W	1118 59	5 17	26 42	13 25	1 18	10 18	16 40	7 28	33 3	35 10	01 1
Th	1220 00	6 33	28 16	26 42	1 25	10 10	17 25	7 28	33 3	34 9	58 1
F	1321 01	7 48	29 50	10 27	1 32	10 02	18 09	7 27	33 3	34 9	54 1
S	1422 02	9 04	1 24	24 40	1 39	9 54	18 53	7 27	33 3	34 9	51 1
Su	1523 03	10 19	2 59	9 19	1 46	9 46	19 37	7 27	33 3	34 9	48 1
M	1624 04	11 35	4 33	24 17	1 53	9 39	20 22	7 27	33 3	33 9	44 1
Tu	1725 05	12 50	6 07	9 26	2 00	9 31	21 06	7 27	33 3	33 9	41 1
W	1826 06	14 06	7 41	24 37	2 07	9 24	21 51	7 27	33 3	32 9	38 1
Th	1927 08	15 21	9 15	9 38	2 15	9 16	22 36	7 27	33 3	32 9	35 1
F	2028 09	16 37	10 49	24 21	2 22	9 09	23 20	7 28	33 3	31 9	32 1
S	2129 09	17 52	12 23	8 42	2 29	9 02	24 05	7 28	33 3	31 9	29 1
Su	220 11	19 07	13 57	22 37	2 36	8 54	24 49	7 28	33 3	31 9	26 1
M	231 12	20 22	15 30	6 06	2 43	8 47	25 34	7 28	33 3	30 9	23 1
Tu	242 13	21 38	17 02	19 13	2 50	8 41	26 18	7 29	33 3	29 9	19 1
W	253 14	22 54	18 35	2 00	2 57	8 34	27 13	7 29	33 3	28 9	16 1
Th	264 15	24 09	20 06	14 32	3 04	8 27	27 48	7 29	33 3	28 9	13 1
F	275 16	25 25	21 36	26 51	3 11	8 20	28 33	7 30	33 3	27 9	10 1
S	286 18	26 40	23 06	9 00	3 18	8 14	29 18	7 31	33 3	26 9	07 1
Su	297 19	27 56	24 34	21 03	3 25	8 08	0 03	7 32	33 3	25 9	04 1
M	308 20	29 11	26 00	3 01	3 31	8 02	0 48	7 32	33 3	25 9	01 1
Tu	319 21	0 27	27 24	14 55	3 39	7 56	1 33	7 33	33 3	24 8	58 1

SIMPLIFIED SCIENTIFIC EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

December, 1929.

Full Moon December 16th, 11:38 A. M. in Π $24^{\circ} 03'$

Declination of the Planets

D	S. T.	Dec. D	D	☉	♀	♂	♂	♂	♂	♂	♂	♂	♂
	H. M.	° S'		° S'	° S'	° S'	° S'	° S'	° N'	° S'	° N'	° N'	
1	16 39	24 52	1	21 47	17 25	23 09	22 38	21 25	22 15	2	21 10	47	
2	16 43	26 50	2	56	45	28	38	24	22		21	47	
3	16 47	27 32	4	22 13	18 25	24 01	38	22	36		20	47	
4	16 51	26 56	6	28 19	03	29	39	21	48		20	47	
5	16 55	25 07	8	43	38	52	39	19	23 00		19	47	
6	16 59	22 13	10	54	20 12	25 09	39	17	11		19	47	
			12	23 04	43	22	39	14	21		19	47	
7	17 03	18 23	14	12 21	12	28	39	12	30		19	48	
8	17 07	13 47	16	19	38	30	39	11	38		19	48	
9	17 11	8 35	18	23 22	02	24	39	09	45		19	48	
10	17 15	2 55	20	26	23	13	39	07	51		19	48	
11	17 19	3 N 02	22	27	42	24 55	38	05	56		19	49	
12	17 23	9 03	24	26	58	32	38	03	24 01		19	49	
13	17 27	14 52	26	24	23 11	02	38	02	03		20	50	
			28	18	21 23	27	38	00	06		21	50	
14	17 31	20 05	30	11	28	22 46	38	20 58	07		21	51	
15	17 35	24 14											
16	17 39	26 49											
Latitude of the Planets													
	D	D	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	
	° S'	° N'	° S'	° N'	° S'	° S'	° S'	° S'	° S'	° S'	° N'		
17	17 42	27 28											
18	17 46	26 03											
19	17 50	22 47	1 2 37	1 05	1 04	0 49	0 47	0 24	0 43	0 38			
20	17 54	18 07	2 3 30	03	10	49	47	24	43	38			
			4 4 46	0 59	21	49	46	25	42	38			
21	17 58	12 32	6 5 12	55	31	48	46	27	42	38			
22	18 02	6 28	8 4 44	51	40	48	46	28	42	38			
23	18 06	0 16	10 3 24	47	48	48	45	29	42	38			
24	18 10	5 s 46	12 1 20	42	56	48	45	30	42	38			
25	18 14	11 25	14 1 N 10	37	2 02	48	45	31	42	38			
26	18 18	16 30	16 3 30	33	07	48	44	32	42	38			
27	18 22	20 49	18 4 55	28	11	47	44	33	42	38			
			20 5 00	23	13	47	44	34	42	38			
28	18 26	24 11	22 3 51	18	13	47	43	36	42	38			
29	18 30	26 26	24 1 54	14	11	47	43	37	42	38			
30	18 34	27 26	26 0 s 19	09	07	47	43	38	42	39			
31	18 38	27 09	28 2 24	05	00	47	42	39	42	39			
			30 4 01	0 s 01	1 53	47	42	40	41	39			

TABLE OF PROPORTIONAL LOGARITHMS

Hours or Degrees

Min.	0	1	2	3	4	5	6	7	8	9	10	11
0	3.1584	1.3802	1.0792	9031	7781	6812	6021	5351	4771	4260	3802	3388
1	3.1584	.3730	.0756	07	63	6798	09	41	62	52	3795	82
2	2.8573	.3660	.0720	8983	45	84	5997	30	53	44	88	75
3	.6812	.3590	.0685	59	28	69	85	20	44	36	80	68
4	.5563	.3522	.0649	8935	10	55	73	10	35	28	73	62
5	2.4594	1.3454	1.0614	8912	7692	6741	5961	5300	4726	4220	3766	3355
6	.3802	.3388	.0580	8888	74	26	49	5289	17	12	59	49
7	.3133	.3323	.0546	65	57	12	37	79	08	04	52	42
8	.2553	.3258	.0511	42	39	6698	25	69	4699	4196	45	36
9	.2041	.3195	.0478	19	22	84	13	59	90	88	38	29
10	2.1584	1.3133	1.0444	8796	7604	6670	5902	5249	4682	4180	3730	3323
11	.1170	.3071	.0411	73	7587	56	5890	39	73	72	23	16
12	.0792	.3010	.0378	51	70	42	78	29	64	64	16	10
13	.0444	.2950	.0345	28	52	28	66	19	55	56	09	03
14	.0122	.2891	.0313	06	35	14	55	09	46	49	02	3297
15	1.9823	1.2833	1.0280	8683	7518	6600	5843	5199	4638	4141	3695	3291
16	.9542	.2775	.0248	61	01	6587	32	89	29	33	88	84
17	.9279	.2719	.0216	39	7484	73	20	79	20	25	81	78
18	.9031	.2663	.0185	17	67	59	09	69	11	17	74	71
19	.8796	.2607	.0153	8595	51	46	5797	59	03	09	67	65
20	1.8573	1.2553	1.0122	8573	7434	6532	5786	5149	4594	4102	3660	3258
21	.8361	.2499	.0091	52	17	19	74	39	85	4094	53	52
22	.8159	.2445	.0061	30	01	05	63	29	77	86	46	46
23	.7966	.2393	.0030	09	7384	6492	52	20	68	79	39	39
24	.7781	.2341	1.0000	8487	68	78	40	10	59	71	32	33
25	1.7604	1.2289	0.9970	8466	7351	6465	5729	5100	4551	4063	3625	3227
26	.7434	.2239	.9940	45	35	51	18	5090	42	55	18	20
27	.7270	.2188	.9910	24	18	38	06	81	34	48	11	14
28	.7112	.2139	.9881	03	02	25	5695	71	25	40	04	08
29	.6960	.2090	.9852	8382	7286	12	84	61	16	32	3597	01
30	1.6812	1.2041	0.9823	8361	7270	6398	5673	5051	4503	4025	3590	3195
31	.6670	.1993	.9794	41	54	85	62	42	4499	17	83	89
32	.6532	.1946	.9765	21	38	72	51	32	91	10	77	83
33	.6398	.1899	.9737	00	22	59	40	23	82	02	70	76
34	.6269	.1852	.9708	8279	06	46	29	13	74	3995	63	70
35	1.6143	1.1806	0.9680	8259	7190	6333	5618	5003	4466	3987	3556	3164
36	.6021	.1761	.9652	39	74	20	07	4994	57	79	49	57
37	.5902	.1716	.9625	19	59	07	5596	84	49	72	42	51
38	.5786	.1671	.9597	8199	43	6294	85	75	40	64	35	45
39	.5673	.1627	.9570	79	28	82	74	65	32	57	29	39
40	1.5663	1.1584	0.9542	8159	7112	6269	5563	4956	4424	3949	3522	3133
41	.5456	.1540	.9515	40	7097	56	52	47	15	42	15	26
42	.5351	.1498	.9488	20	81	43	41	37	07	34	08	20
43	.5249	.1455	.9462	01	66	31	31	28	4399	27	01	14
44	.5149	.1413	.9435	8081	50	18	20	18	90	19	3495	08
45	1.5051	1.1372	0.9409	8062	7035	6205	5509	4909	4382	3912	3488	3102
46	.4956	.1331	.9383	43	20	6193	5498	00	74	05	81	3096
47	.4863	.1290	.9356	23	05	80	88	4890	65	3897	75	89
48	.4771	.1249	.9330	04	6990	68	77	81	57	90	68	83
49	.4682	.1209	.9305	7985	75	55	66	72	49	82	61	77
50	1.4594	1.1170	0.9279	7966	6960	6143	5456	4863	4341	3875	3455	3071
51	.4508	.1130	.9254	47	45	31	45	53	33	68	48	65
52	.4424	.1091	.9228	29	30	18	35	44	24	60	41	59
53	.4341	.1053	.9203	10	15	06	24	35	16	53	35	53
54	.4260	.1015	.9178	7891	00	6094	14	26	08	46	28	47
55	1.4180	1.0977	0.9153	7873	6885	6081	5403	4817	4300	3838	3421	3041
56	.4102	.0939	.9128	54	71	69	5393	08	4292	31	15	35
57	.4025	.0902	.9104	36	56	57	82	4799	84	24	08	28
58	.3949	.0865	.9079	18	41	45	72	89	76	17	01	22
59	.3875	.0828	.9055	00	27	33	61	80	68	09	3395	16

TABLE OF PROPORTIONAL LOGARITHMS

Hours or Degrees

Min.	12	13	14	15	16	17	18	19	20	21	22	23
0	3010	2663	2341	2041	1761	1498	1249	1015	0792	0580	0378	0185
1	04	57	36	36	56	93	45	11	88	77	75	82
2	2998	52	30	32	52	89	41	07	85	73	71	79
3	92	46	25	27	47	85	37	03	81	70	68	75
4	86	41	20	22	43	81	34	0999	77	66	64	72
5	2980	2635	2315	2017	1738	1476	1229	0996	0774	0563	0361	0169
6	74	29	10	12	34	72	25	92	70	59	58	66
7	68	24	05	08	29	68	21	88	66	56	55	63
8	62	18	00	03	25	64	17	84	63	52	52	60
9	56	13	2295	1998	20	60	13	80	59	49	48	57
10	2950	2607	89	1993	1716	1455	1209	0977	0756	0546	0345	0153
11	45	02	84	89	11	51	05	73	52	42	42	50
12	38	2596	79	84	07	47	01	69	49	39	39	47
13	33	91	74	79	02	43	1197	65	45	35	35	44
14	27	85	69	74	1698	38	93	62	42	32	32	41
15	2921	2580	2264	1969	1694	1434	1189	0958	0738	0529	0329	0138
16	15	75	59	65	89	30	85	54	34	25	26	35
17	09	69	54	60	85	26	82	50	31	22	22	32
18	03	64	49	55	80	22	78	47	27	18	19	29
19	2897	58	44	50	76	17	74	43	24	15	16	25
20	2891	2553	2239	1946	1671	1413	1170	0939	0720	0511	0313	0122
21	85	47	34	41	67	09	66	35	17	08	09	19
22	80	42	29	36	63	05	62	32	13	05	06	16
23	74	36	23	32	58	01	58	28	09	01	03	13
24	68	31	18	27	54	1397	54	24	06	0498	00	10
25	2862	2526	2213	1922	1649	1393	1150	0920	0702	0495	0296	0107
26	56	20	08	17	46	88	46	17	0699	91	92	04
27	50	15	03	13	40	84	42	13	95	88	90	01
28	45	09	2198	08	36	80	38	09	92	85	87	0098
29	39	04	93	03	32	76	34	05	88	81	83	94
30	2833	2499	2188	1899	1627	1372	1130	0902	0685	0478	0280	0091
31	27	93	83	94	23	68	26	0898	81	74	77	88
32	21	88	78	90	19	63	23	94	78	71	74	85
33	16	83	73	85	14	59	19	91	74	68	71	82
34	10	77	68	80	10	55	15	87	70	64	67	79
35	2804	2472	2164	1875	1605	1351	1111	0883	0667	0461	0264	0076
36	2798	67	59	71	01	47	07	80	64	58	61	73
37	93	61	54	66	1597	43	03	76	60	54	58	70
38	87	56	49	62	92	39	1099	72	56	51	55	67
39	81	51	44	57	88	35	95	68	53	48	51	64
40	2775	2445	2139	1852	1584	1331	1092	0865	0649	0444	0248	0061
41	70	40	34	48	79	27	88	61	46	41	45	58
42	64	35	29	43	75	22	84	57	42	37	42	55
43	58	30	24	38	71	18	80	54	39	34	39	52
44	53	24	19	34	66	14	76	50	35	31	35	48
45	2747	2419	2114	1829	1562	1310	1072	0846	0632	0428	0232	0046
46	41	14	09	25	58	06	68	43	29	24	29	42
47	36	09	04	20	53	02	64	39	25	21	26	39
48	30	03	2099	16	49	1298	61	35	21	18	23	36
49	24	2398	2095	11	45	94	57	32	18	14	20	33
50	2719	2393	2090	1806	1540	1290	1053	0828	0614	0411	0216	0030
51	13	88	85	02	36	86	49	24	11	08	13	27
52	07	82	80	1797	32	82	45	21	08	04	10	24
53	02	77	75	93	28	78	41	17	04	01	07	21
54	2696	72	70	88	23	74	37	14	01	0398	04	18
55	2691	2367	2065	1784	1519	1270	1034	0810	0597	0394	0201	0015
56	85	62	61	79	15	66	30	06	94	91	0197	12
57	79	56	50	74	10	61	26	03	90	88	94	09
58	74	51	51	70	06	57	22	0799	87	84	91	06
59	68	46	46	65	02	53	18	95	83	81	88	03

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